ACIDIC PRECIPITATION IN ONTARIO STUDY

ANNUAL STATISTICS OF CONCENTRATION AND DEPOSITION – CUMULATIVE PRECIPITATION MONITORING NETWORK 1988

JULY 1990

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ANNUAL STATISTICS OF

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1988

Report prepared by:
Atmospheric Research and Special Projects Section
Air Resources Branch
Ontario Ministry of the Environment

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This report was prepared by Diane Green of the APIOS Atmospheric Deposition and Chemistry Program. However, the data themselves are a product of the combined efforts of many individuals. Precipitation samples were collected by a large number of site operators, whose names cannot be individually mentioned here, under the coordination of the APIOS environmental technicians Scott Kennedy (in the Southwestern Region), Steve Elliott (in Southeastern Region), Wim Smits (in Northwestern Region), Bill Trayling (Northeastern Region), and J.P. Varto (in Central Region). Sample handling was carried out by Sue Lampinen and Gail Fielding. Chemical analyses were performed at the Laboratory Services Branch under the coordination of Frank Tomassini. Invaluable clerical and computer assistance were provided by Peter Maheras, Joseph Lamb and Roberto Banchon. All enquiries regarding the reported data should be directed to Neville Reid, Coordinator, Atmospheric Deposition and Chemistry Program, at (416) 326-1691.

TABLE OF CONTENTS

		Page
PART I	INTRODUCTION	V
PART II	STATION DESCRIPTION AND LOCATION MAP	VII
PART III	SUMMARY STATISTICS OF PRECIPITATION CONCENTRATION BY STATION	

Station	Map Ref. No.	Page
Alvinston	05	1
Azure Lake	26	3
Bear Island	24	5
Campbellford	13	7
Cloyne	14	9
Colchester	01	11
Coldwater	12	13
Dalhousie Mills	16	15
Dorion	31	17
Dorset	20	19
Exp. Lakes Area	34	21
Ear Falls	35	23
Geraldton	30	25
Golden Lake	17	27
Gowganda	25	29
Killarney	23	31
Lac La Croix	33	33
Mattawa	22	35
McKellar	21	37
Merlin	02	39
Moonbeam	27	41
Moosonee	38	43
Palmerston	08	45
Pickle Lake	36	47
Port Stanley	03	49
Quetico Centre	32	51

Shallow Lake	09	53
Smith's Falls	15	55
Sutton	n/a	57
Turkey Lake	37	59
Uxbridge	11	61
Waterloo	07	63
Whitney	19	65
Wilberforc	18	67
Wilkesport	04	69

PART IV SUMMARY STATISTICS OF PRECIPITATION CONCENTRATION BY REGION

Central Region	71
Northeastern Region	73
Northwestern Region	75
Southeastern Region	77
Southwestern Region	79
Out Of Province	81

PART V SUMMARY STATISTICS OF WET DEPOSITION BY STATION

Station	Map Ref. No.	
Alvinston	05	83
Azure Lake	26	84
Bear Island	24	85
Campbellford	13	86
Cloyne	14	87
Colchester	01	88

Coldwater	12	89
Dalhousie Mills	6	90
Dorion	31	91
Dorset	20	92
Exp. Lakes Area	34	93
Ear Falls	35	94
Geraldton	30	95
Golden Lake	17	96
Gowganda	25	97
Killarney	23	98
Lac La Croix	33	99
Mattawa	22	100
McKellar	21	101
Merlin	02	102
Moonbeam	27	103
Moosonee	38	104
Palmerston	08	105
Pickle Lake	36	106
Port Stanley	03	107
Quetico Centre	32	108
Shallow Lake	09	109
Smith's Falls	15	110
Sutton	n/a	111
Turkey Lake	37	112
Uxbridge	11	113
Waterloo	07	114
Whitney	19	115
Wilberforce	18	116
Wilkesport	04	117

PART VI SUMMARY STATISTICS OF WET DEPOSITION BY REGION

Central Region 118
Northeastern Region 119
Northwestern Region 120
Southeastern Region 121
Southwestern Region 122
Out Of Province 123

PART I

INTRODUCTION

INTRODUCTION

This report was prepared by Diane Green. The statistical summaries presented in this report pertain to the 1988 analytical results obtained from the Acidic Precipitation in Ontario Study (APIOS) cumulative precipitation monitoring network. The relevant data can be obtained on request from the Air Resources Branch of The Ontario Ministry of the Environment. All available data are utilized in the calculations except results reported as being unreliable (i.e., results are identified as unreasonable values by using the validation procedures; detailed description of the validation procedures is available from the Ministry upon request) or approximate (i.e., inexact results are reported due to laboratory difficulties, such as may be encountered in calibration, or when the sample cannot be re-analyzed to confirm the reported value). In a very few cases, concentration levels exceeded the upper limit of the range of the chemical analysis. Rather than using the upper limit, a decision was made to exclude these values from the statistics generated in this report. Reported results for metals which have missing leachate analysis are also excluded from statistical analysis. Results labelled as <W are replaced by "zero". W is the level which the analytical technique cannot distinguish from zero. Prior to 1986, if a level was recorded less than the detection limit T, a value corresponding to one half the detection limit was utilized for statistical calculations as reported in the statistical summaries. These values are no longer halved. Note that T is normally about ten times W, and values above the T criteria are considered to be precise and accurate.

The reported cumulative precipitation gauge depth (or an interpolated value from Environment Canada's CLIMAT data) is utilized in the calculation of deposition. If a precipitation gauge value is not available, then the collected sample volume is converted to its equivalent precipitation depth and is used in the deposition calculation.

The statistical summaries presented in Parts III to VI include number of samples, mean (arithmetic/geometric), standard deviation (arithmetic/geometric), maximum, minimum, quartiles and precipitation weighted means using precipitation gauge depths where appropriate. These statistics are for an average sampling period. Data which correspond to irregular sampling periods are either combined if they are from consecutive collection periods which span 28d $\pm$ 5d, or deleted, before the statistics are generated.

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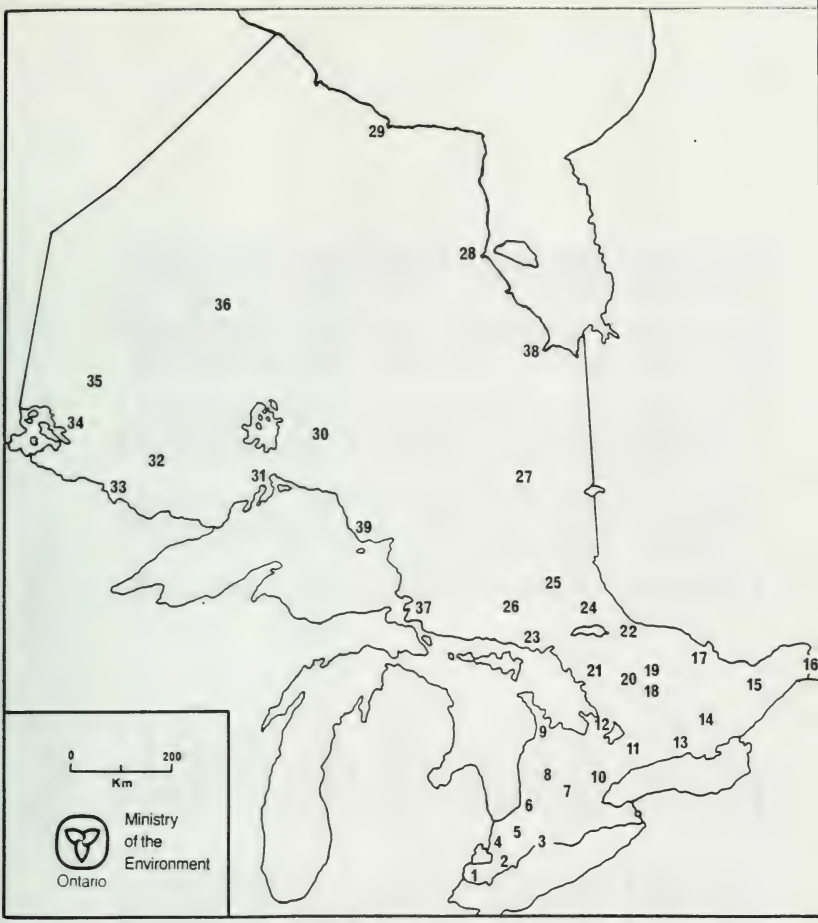
PART II

STATION DESCRIPTION AND LOCATION MAP



1. Colchester*
2. Merlin
3. Pt. Stanley*
4. Wilkesport*
5. Alvinston
6. Huron Park
7. Waterloo
8. Palmerston*
9. Shallow Lake*
10. Milton (removed March '84)
11. Uxbridge*
12. Coldwater
13. Campbellford*
14. Cloyne* (repl. Kalladar, June '83)
15. Smith's Falls*
16. Dalhousie Mills*
17. Golden Lake*
18. Wilberforce
19. Whitney
20. Dorset*
21. McKellar*
22. Mattawa*
23. Killarney*
24. Bear Island
25. Gowganda*
26. Azure Lake (repl. Ramsey, June '83)
27. Moonbeam*
28. Attawapiskat (rem. Feb '84)
29. Winisk (rem. Dec '86)
30. Geraldton (replaced Nakina, Aug '83)
31. Dorion*
32. Quetico Centre*
33. Lac la Croix
34. Experimental Lakes Area
35. Ear Falls*
36. Pickle Lake*
37. Turkey Lake*
38. Moosonee* (installed October '85)
39. Otter Island* (summer only)
40. Sutton, Quebec (Intercomparison Site)

* indicates both a wet and dry deposition network site

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS-ACIDIC PRECIPITATION IN ONTARIO STUDY
CUMULATIVE PRECIPITATION SITES

STATION ID	MOE REGION	STATION NAME	ELEV (M)	LATITUDE (NORTH)	LONGITUDE (WEST)	UTM GRID CO-ORDINATES (NORTHING)	(EASTING)
000001-01-01-1041	SOUTHWESTERN	COLCHESTER	183	41°59'15"	82°55'41"	4649973	340284
000001-01-01-1051	SOUTHWESTERN	MERLIN	191	42°14'47"	82°13'28"	4677645	398983
000001-01-01-1061	SOUTHWESTERN	PORT STANLEY	213	42°40'22"	81°09'55"	4724277	486457
000001-01-01-1071	SOUTHWESTERN	WILKESPORT	183	42°42'11"	82°21'13"	4728515	389135
000001-01-01-1081	SOUTHWESTERN	ALVINSTON	221	42°49'00"	81°50'05"	4740580	431759
000001-01-01-1091	SOUTHWESTERN	SHALLOW LAKE	229	44°34'54"	81°06'58"	4936270	490782
000001-01-01-1101	SOUTHWESTERN	PALMERSTON	389	43°48'19"	80°54'12"	4850035	507776
000001-01-01-1191	SOUTHWESTERN	HURON PARK	250	43°17'28"	81°30'03"	4793050	459370
000001-01-01-2021	SOUTHWESTERN	WATERLOO	343	43°28'39"	80°35'10"	4813710	533474
000001-01-01-3011	CENTRAL	DORSET	320	45°13'26"	78°55'50"	5009656	662429
000001-01-01-3061	CENTRAL	UXBRIDGE	244	44°12'46"	79°12'38"	4896847	642958
000001-01-01-3071	CENTRAL	WILBERFORCE	396	45°00'54"	78°12'56"	4988172	719406
000001-01-01-3081	CENTRAL	CAMPBELLFORD	175	44°17'28"	77°47'33"	4907783	277202
000001-01-01-3101	CENTRAL	COLDWATER	280	44°37'31"	79°32'08"	4942152	616174
000001-01-01-4061	SOUTHEASTERN	SMITH'S FALLS	122	44°56'41"	75°57'48"	4977044	423999
000001-01-01-4071	SOUTHEASTERN	DALHOUSIE MILLS	69	45°19'00"	74°28'13"	5018048	541521
000001-01-01-4081	SOUTHEASTERN	GOLDEN LAKE	160	45°36'48"	77°12'03"	5053226	328397
000001-01-01-4091	SOUTHEASTERN	CLOYNE	259	44°49'10"	77°11'07"	4964999	327221
000001-01-01-4161	SOUTHEASTERN	PT.PETRE	84	43°50'20"	77°09'10"	4856016	326930
000001-01-01-5011	NORTHEASTERN	MCKELLAR	244	45°31'15"	79°55'19"	5041158	584196
000001-01-01-5021	NORTHEASTERN	KILLARNEY	183	45°58'20"	81°29'18"	5090859	462167
000001-01-01-5031	NORTHEASTERN	MATTAWA	198	46°16'39"	78°49'19"	5126968	667810
000001-01-01-5041	NORTHEASTERN	BEAR ISLAND	305	46°58'22"	80°04'30"	5202336	570362
000001-01-01-5061	NORTHEASTERN	GOWGANDA	343	47°39'04"	80°46'32"	5277329	516647
000001-01-01-5071	NORTHEASTERN	MOONBEAM	244	49°19'40"	82°01'10"	5464175	425924
000001-01-01-5091	NORTHEASTERN	WHITNEY	412	45°32'21"	78°15'35"	5046283	713946
000001-01-01-5141	NORTHEASTERN	TURKEY LAKES	440	47°03'15"	84°24'20"	5214246	697468
000001-01-01-5151	NORTHEASTERN	AZURE LAKE	427	47°28'13"	81°52'30"	5257579	434062
000001-01-01-5161	NORTHEASTERN	MOOSONEE	8	51°12'35"	80°42'20"	5672970	520568
000001-01-01-6011	NORTHWESTERN	DORION	244	48°50'33"	88°36'45"	5410982	381684
000001-01-01-6031	NORTHWESTERN	EAR FALLS	350	50°38'31"	93°13'13"	5609814	484424
000001-01-01-6041	NORTHWESTERN	PICKLE LAKE	360	51°02'41"	90°12'04"	5658308	696198
000001-01-01-6061	NORTHWESTERN	LAC LA CROIX	368	48°21'14"	92°12'32"	5355719	558611
000001-01-01-6071	NORTHWESTERN	QUETICO CENTRE	420	48°24'44"	91°12'08"	5363461	633036
000001-01-01-6091	NORTHWESTERN	E.L.A.	123	49°39'50"	93°43'16"	5501292	447960
000001-01-01-6111	NORTHWESTERN	OTTER ISLAND	204	48°06'50"	86°04'25"	5329155	568954
000001-01-01-6121	NORTHWESTERN	GERALDTON	350	49°48'18"	86°45'52"	5516758	516950
000001-01-01-7011	QUEBEC	SUTTON	243	45°04'35"	72°40'35"	4993846	682898

PART III

SUMMARY STATISTICS OF PRECIPITATION CONCENTRATION BY STATION

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=ALVINSTON MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	117.0	2381	48.00	7.71	.	19.60
MINIMUM :	4.0	313	12.50	3.98	.	2.15
ARITH. MEAN :	52.1	1389	29.59	5.44	.	5.47
ARITH. STD. DEV :	32.9	786	10.11	1.34	.	4.66
GEOM. MEAN :	39.5	1128	27.89	5.30	.	4.52
1ST QUARTILE :	20.4	533	21.50	4.27	.	2.95
2ND QUARTILE :	45.0	1432	28.00	4.76	.	4.45
3RD QUARTILE :	75.5	2213	37.00	6.83	.	5.70
VOL. WGT. MEAN :	.	1666	27.82	.	.	5.77
MISSING VALUES :	0.0	1	2	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.77	2.94	2.30	2.900	1.860	0.260	0.800
MINIMUM :	0.37	0.24	0.08	0.380	0.040	0.010	0.030
ARITH. MEAN :	0.88	1.21	0.56	1.008	0.387	0.125	0.209
ARITH. STD. DEV :	0.47	0.78	0.63	0.764	0.510	0.090	0.231
GEOM. MEAN :	0.78	0.96	0.37	0.804	0.219	0.081	0.132
1ST QUARTILE :	0.53	0.62	0.20	0.410	0.115	0.030	0.080
2ND QUARTILE :	0.75	1.32	0.30	0.650	0.220	0.130	0.095
3RD QUARTILE :	1.09	1.56	0.61	1.350	0.486	0.206	0.257
VOL. WGT. MEAN :	0.82	1.00	0.54	0.791	0.398	0.124	0.175
MISSING VALUES :	1	2	1	2	1	3	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=ALVINSTON MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	2.370	0.032	0.019	0.0056	0.031	0.459	0.017
MINIMUM :	0.182	0.000	0.001	0.0000	0.004	0.017	0.000
ARITH. MEAN :	0.801	0.018	0.008	0.0007	0.015	0.096	0.007
ARITH. STD. DEV :	0.644	0.011	0.007	0.0016	0.009	0.127	0.007
GEOM. MEAN :	0.609	0.016	0.005	0.0006	0.012	0.053	0.007
1ST QUARTILE :	0.330	0.005	0.003	0.0000	0.006	0.023	0.001
2ND QUARTILE :	0.550	0.020	0.006	0.0002	0.016	0.029	0.005
3RD QUARTILE :	1.190	0.025	0.014	0.0005	0.020	0.120	0.014
VOL. WGT. MEAN :	0.779	0.017	0.007	0.0009	0.013	0.095	0.008
MISSING VALUES :	2	2	1	1	4	1	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0010	0.098	0.0086	0.0012	130.00	104.71
MINIMUM :	0.0001	0.007	0.0005	0.0000	14.90	0.02
ARITH. MEAN :	0.0005	0.039	0.0030	0.0002	56.97	27.38
ARITH. STD. DEV :	0.0002	0.030	0.0030	0.0003	36.86	33.11
GEOM. MEAN :	0.0004	0.029	0.0020	0.0001	46.16	3.60
1ST QUARTILE :	0.0004	0.015	0.0009	0.0000	22.95	0.16
2ND QUARTILE :	0.0004	0.028	0.0020	0.0000	48.45	18.05
3RD QUARTILE :	0.0006	0.069	0.0054	0.0002	88.37	54.04
VOL. WGT. MEAN :	0.0005	0.037	0.0033	0.0001	59.88	23.99
MISSING VALUES :	1	3	7	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=AZURE LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	119.0	3338	29.00	6.97	.	3.50
MINIMUM :	41.0	278	7.00	4.22	.	0.50
ARITH. MEAN :	68.6	1326	19.32	4.70	.	1.68
ARITH. STD. DEV :	26.1	977	6.23	0.77	.	0.94
GEOM. MEAN :	64.5	1028	18.18	4.65	.	1.42
1ST QUARTILE :	49.0	654	14.50	4.32	.	0.85
2ND QUARTILE :	59.0	985	18.50	4.45	.	1.60
3RD QUARTILE :	85.0	1844	24.50	4.67	.	2.35
VOL. WGT. MEAN :	.	1500	19.31	.	.	1.69
MISSING VALUES :	0.0	0	0	0	11	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.78	0.30	0.31	2.280	0.095	0.810	0.230
MINIMUM :	0.21	0.04	0.00	0.140	0.010	0.000	0.020
ARITH. MEAN :	0.43	0.14	0.13	0.528	0.028	0.092	0.065
ARITH. STD. DEV :	0.16	0.08	0.08	0.603	0.024	0.239	0.068
GEOM. MEAN :	0.40	0.12	0.13	0.377	0.022	0.023	0.044
1ST QUARTILE :	0.32	0.06	0.08	0.210	0.010	0.005	0.020
2ND QUARTILE :	0.40	0.14	0.13	0.370	0.025	0.015	0.035
3RD QUARTILE :	0.56	0.20	0.17	0.510	0.030	0.035	0.090
VOL. WGT. MEAN :	0.40	0.13	0.13	0.460	0.025	0.067	0.075
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=AZURE LAKE MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	1.250	0.290	0.005	0.0120	0.028	0.184	0.028
MINIMUM :	0.040	0.000	0.001	0.0000	0.003	0.005	0.000
ARITH. MEAN :	0.315	0.041	0.002	0.0013	0.011	0.047	0.010
ARITH. STD. DEV :	0.328	0.090	0.001	0.0036	0.009	0.063	0.016
GEOM. MEAN :	0.220	0.013	0.002	0.0006	0.008	0.026	0.008
1ST QUARTILE :	0.140	0.000	0.001	0.0000	0.003	0.013	0.000
2ND QUARTILE :	0.280	0.004	0.002	0.0002	0.009	0.018	0.003
3RD QUARTILE :	0.330	0.012	0.002	0.0006	0.015	0.050	0.028
VOL. WGT. MEAN :	0.270	0.034	0.002	0.0009	0.012	0.058	0.009
MISSING VALUES :	0	0	0	0	5	4	8

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0004	0.038	0.0050	0.0009	91.50	60.26
MINIMUM :	0.0001	0.006	0.0005	0.0000	24.70	0.11
ARITH. MEAN :	0.0003	0.017	0.0021	0.0002	58.36	33.06
ARITH. STD. DEV :	0.0001	0.012	0.0016	0.0003	19.60	17.08
GEOM. MEAN :	0.0003	0.014	0.0015	0.0002	55.01	20.04
1ST QUARTILE :	0.0003	0.008	0.0005	0.0000	40.00	21.38
2ND QUARTILE :	0.0004	0.011	0.0022	0.0001	62.80	35.48
3RD QUARTILE :	0.0004	0.026	0.0031	0.0003	73.60	47.86
VOL. WGT. MEAN :	0.0003	0.017	0.0025	0.0002	59.03	21.38
MISSING VALUES :	0	3	4	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=BEAR ISLAND MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	8.0	8	8	8	8	8
MAXIMUM :	110.0	3183	50.00	7.64	.	5.20
MINIMUM :	21.2	538	23.00	4.18	.	1.90
ARITH. MEAN :	74.3	1789	31.56	5.01	.	3.27
ARITH. STD. DEV :	33.6	1028	8.92	1.40	.	1.07
GEOM. MEAN :	65.0	1510	30.59	4.87	.	3.12
1ST QUARTILE :	40.0	870	24.13	4.21	.	2.49
2ND QUARTILE :	77.3	1659	30.00	4.27	.	2.95
3RD QUARTILE :	105.3	2912	35.75	6.26	.	4.13
VOL. WGT. MEAN :	.	2047	30.21	.	.	3.39
MISSING VALUES :	0.0	0	0	0	8	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	8	8	8	8	8	8	8
MAXIMUM :	0.86	3.82	2.54	7.800	0.630	5.160	1.590
MINIMUM :	0.01	0.08	0.10	0.350	0.020	0.020	0.025
ARITH. MEAN :	0.53	0.74	0.74	1.652	0.167	0.787	0.299
ARITH. STD. DEV :	0.26	1.26	0.96	2.570	0.232	1.779	0.544
GEOM. MEAN :	0.35	0.35	0.33	0.833	0.077	0.153	0.098
1ST QUARTILE :	0.40	0.19	0.11	0.355	0.030	0.057	0.032
2ND QUARTILE :	0.55	0.28	0.17	0.570	0.050	0.097	0.060
3RD QUARTILE :	0.74	0.62	1.65	1.967	0.347	0.535	0.392
VOL. WGT. MEAN :	0.46	0.76	0.82	1.992	0.186	0.838	0.343
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=BEAR ISLAND MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	8	8	8	8	8	8	8
MAXIMUM :	1.200	0.285	0.016	0.0027	0.110	0.090	0.006
MINIMUM :	0.280	0.000	0.001	0.0000	0.002	0.014	0.000
ARITH. MEAN :	0.595	0.049	0.005	0.0009	0.020	0.029	0.003
ARITH. STD. DEV :	0.348	0.096	0.005	0.0011	0.039	0.027	0.004
GEOM. MEAN :	0.521	0.019	0.003	0.0010	0.008	0.023	0.006
1ST QUARTILE :	0.339	0.003	0.002	0.0000	0.004	0.016	0.000
2ND QUARTILE :	0.438	0.018	0.003	0.0005	0.005	0.019	0.003
3RD QUARTILE :	0.952	0.033	0.005	0.0019	0.010	0.027	0.006
VOL. WGT. MEAN :	0.624	0.051	0.005	0.0008	0.025	0.022	0.001
MISSING VALUES :	0	0	0	0	1	1	6

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	8	8	8	8	8	8.00
MAXIMUM :	0.0004	0.029	0.0195	0.0024	103.00	66.07
MINIMUM :	0.0002	0.007	0.0006	0.0000	15.90	0.02
ARITH. MEAN :	0.0004	0.013	0.0046	0.0005	69.20	41.66
ARITH. STD. DEV :	0.0001	0.009	0.0083	0.0008	31.68	26.94
GEOM. MEAN :	0.0003	0.011	0.0016	0.0006	59.37	9.74
1ST QUARTILE :	0.0003	0.007	0.0006	0.0000	36.40	9.82
2ND QUARTILE :	0.0004	0.009	0.0010	0.0002	80.90	53.09
3RD QUARTILE :	0.0004	0.021	0.0103	0.0009	92.97	62.04
VOL. WGT. MEAN :	0.0003	0.014	0.0055	0.0004	66.71	0.13
MISSING VALUES :	0	2	3	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=CAMPBELLFORD MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	94.0	1627	56.50	6.36	.	11.90
MINIMUM :	6.0	0	20.00	4.11	.	1.90
ARITH. MEAN :	45.5	893	35.81	4.59	.	3.87
ARITH. STD. DEV :	26.6	562	12.96	0.73	.	3.34
GEOM. MEAN :	35.9	854	33.80	4.55	.	3.17
1ST QUARTILE :	29.0	396	24.25	4.26	.	2.17
2ND QUARTILE :	36.0	958	33.25	4.34	.	2.57
3RD QUARTILE :	66.0	1371	48.63	4.57	.	4.10
VOL. WGT. MEAN :	.	1114	32.57	.	.	3.27
MISSING VALUES :	0.0	2	3	3	11	3

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	1.88	3.26	0.58	1.640	0.380	0.280	0.315
MINIMUM :	0.30	0.18	0.07	0.250	0.025	0.030	0.015
ARITH. MEAN :	0.84	0.85	0.33	0.643	0.096	0.070	0.151
ARITH. STD. DEV :	0.53	1.01	0.18	0.491	0.118	0.086	0.099
GEOM. MEAN :	0.72	0.56	0.28	0.528	0.064	0.049	0.107
1ST QUARTILE :	0.49	0.30	0.16	0.370	0.041	0.030	0.047
2ND QUARTILE :	0.68	0.48	0.39	0.430	0.047	0.037	0.175
3RD QUARTILE :	1.24	1.00	0.45	0.940	0.109	0.061	0.202
VOL. WGT. MEAN :	0.69	0.64	0.28	0.502	0.073	0.057	0.119
MISSING VALUES :	3	3	3	4	3	3	3

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=CAMPBELLFORD MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	2.660	0.008	0.015	0.0006	0.052	0.096	0.004
MINIMUM :	0.226	0.000	0.001	0.0000	0.006	0.019	0.002
ARITH. MEAN :	0.634	0.004	0.005	0.0003	0.021	0.043	0.003
ARITH. STD. DEV :	0.828	0.003	0.005	0.0002	0.020	0.032	0.001
GEOM. MEAN :	0.423	0.005	0.004	0.0004	0.015	0.035	0.003
1ST QUARTILE :	0.255	0.000	0.003	0.0001	0.007	0.019	0.002
2ND QUARTILE :	0.310	0.004	0.003	0.0004	0.012	0.031	0.003
3RD QUARTILE :	0.562	0.006	0.008	0.0005	0.041	0.073	0.004
VOL. WGT. MEAN :	0.496	0.003	0.004	0.0003	0.013	0.030	0.003
MISSING VALUES :	3	4	3	3	6	6	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0005	0.056	0.0106	0.0006	118.00	77.62
MINIMUM :	0.0001	0.018	0.0004	0.0000	27.50	0.44
ARITH. MEAN :	0.0004	0.029	0.0027	0.0002	71.21	42.14
ARITH. STD. DEV :	0.0001	0.014	0.0039	0.0002	26.38	22.86
GEOM. MEAN :	0.0004	0.027	0.0014	0.0001	66.31	25.48
1ST QUARTILE :	0.0004	0.018	0.0005	0.0000	54.72	27.28
2ND QUARTILE :	0.0004	0.026	0.0013	0.0001	71.10	45.21
3RD QUARTILE :	0.0005	0.038	0.0044	0.0003	84.92	55.00
VOL. WGT. MEAN :	0.0004	0.026	0.0035	0.0002	68.80	46.77
MISSING VALUES :	3	5	5	3	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=CLOYNE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	109.0	3088	66.00	5.37	.	6.20
MINIMUM :	16.0	289	6.00	4.13	.	0.85
ARITH. MEAN :	61.3	1654	30.04	4.41	.	2.91
ARITH. STD. DEV :	29.6	888	15.62	0.34	.	1.33
GEOM. MEAN :	53.6	1381	25.92	4.40	.	2.64
1ST QUARTILE :	32.5	842	20.63	4.25	.	2.10
2ND QUARTILE :	57.0	1736	29.00	4.30	.	2.77
3RD QUARTILE :	85.5	2501	37.63	4.41	.	3.59
VOL. WGT. MEAN :	.	2006	28.99	.	.	2.87
MISSING VALUES :	0.0	1	1	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.95	1.68	1.59	1.370	0.190	0.285	1.190
MINIMUM :	0.00	0.14	0.02	0.230	0.015	0.020	0.015
ARITH. MEAN :	0.63	0.50	0.32	0.624	0.066	0.074	0.200
ARITH. STD. DEV :	0.49	0.46	0.43	0.362	0.052	0.082	0.320
GEOM. MEAN :	0.59	0.37	0.17	0.543	0.052	0.051	0.104
1ST QUARTILE :	0.36	0.21	0.07	0.337	0.031	0.030	0.065
2ND QUARTILE :	0.52	0.27	0.21	0.580	0.052	0.040	0.097
3RD QUARTILE :	0.73	0.77	0.32	0.685	0.071	0.079	0.199
VOL. WGT. MEAN :	0.57	0.50	0.24	0.641	0.066	0.095	0.144
MISSING VALUES :	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=CLOYNE MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.050	0.126	0.016	0.0620	0.011	0.160	0.003
MINIMUM :	0.000	0.000	0.001	0.0000	0.004	0.000	0.002
ARITH. MEAN :	0.386	0.027	0.005	0.0055	0.007	0.034	0.002
ARITH. STD. DEV :	0.272	0.045	0.005	0.0178	0.002	0.047	0.000
GEOM. MEAN :	0.361	0.012	0.004	0.0007	0.006	0.030	0.002
1ST QUARTILE :	0.217	0.003	0.003	0.0001	0.005	0.009	0.002
2ND QUARTILE :	0.363	0.010	0.004	0.0004	0.006	0.023	0.002
3RD QUARTILE :	0.527	0.025	0.005	0.0006	0.008	0.033	0.003
VOL. WGT. MEAN :	0.356	0.028	0.006	0.0025	0.007	0.021	0.002
MISSING VALUES :	1	1	1	1	5	3	11

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0005	0.071	0.0055	0.0003	132.00	74.13
MINIMUM :	0.0000	0.009	0.0003	0.0000	24.30	4.27
ARITH. MEAN :	0.0004	0.023	0.0013	0.0001	76.86	46.42
ARITH. STD. DEV :	0.0002	0.020	0.0017	0.0001	28.69	19.47
GEOM. MEAN :	0.0003	0.018	0.0009	0.0001	70.83	39.13
1ST QUARTILE :	0.0003	0.010	0.0004	0.0000	60.30	38.94
2ND QUARTILE :	0.0004	0.012	0.0008	0.0001	79.50	49.57
3RD QUARTILE :	0.0005	0.030	0.0013	0.0002	93.20	56.23
VOL. WGT. MEAN :	0.0003	0.017	0.0010	0.0001	73.08	47.86
MISSING VALUES :	1	2	5	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=COLCHESTER MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	98.0	2841	51.50	7.07	.	9.50
MINIMUM :	14.0	254	16.00	4.06	.	1.95
ARITH. MEAN :	45.4	1332	30.73	4.82	.	4.24
ARITH. STD. DEV :	30.5	917	10.82	0.93	.	2.06
GEOM. MEAN :	36.0	1019	29.01	4.75	.	3.85
1ST QUARTILE :	17.9	487	22.75	4.35	.	2.72
2ND QUARTILE :	30.0	992	31.00	4.40	.	4.00
3RD QUARTILE :	73.5	2205	36.25	4.85	.	5.35
VOL. WGT. MEAN :	.	1850	30.63	.	.	3.81
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.73	2.76	0.90	1.980	0.720	0.920	0.310
MINIMUM :	0.35	0.22	0.08	0.220	0.040	0.015	0.025
ARITH. MEAN :	0.72	0.92	0.35	0.728	0.203	0.145	0.123
ARITH. STD. DEV :	0.36	0.82	0.27	0.442	0.202	0.256	0.101
GEOM. MEAN :	0.65	0.68	0.28	0.629	0.141	0.062	0.089
1ST QUARTILE :	0.48	0.38	0.16	0.460	0.077	0.030	0.042
2ND QUARTILE :	0.69	0.60	0.27	0.660	0.140	0.040	0.085
3RD QUARTILE :	0.83	1.19	0.54	0.890	0.222	0.107	0.200
VOL. WGT. MEAN :	0.61	0.63	0.25	0.619	0.138	0.131	0.084
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=COLCHESTER MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	2.360	0.149	0.023	0.0008	0.040	0.185	0.039
MINIMUM :	0.190	0.000	0.002	0.0000	0.006	0.010	0.000
ARITH. MEAN :	0.667	0.034	0.006	0.0002	0.018	0.053	0.014
ARITH. STD. DEV :	0.560	0.052	0.006	0.0003	0.014	0.048	0.014
GEOM. MEAN :	0.534	0.014	0.004	0.0003	0.014	0.040	0.012
1ST QUARTILE :	0.324	0.004	0.002	0.0000	0.007	0.026	0.002
2ND QUARTILE :	0.580	0.009	0.004	0.0000	0.016	0.036	0.011
3RD QUARTILE :	0.725	0.048	0.006	0.0002	0.030	0.062	0.024
VOL. WGT. MEAN :	0.535	0.026	0.004	0.0001	0.011	0.038	0.012
MISSING VALUES :	0	0	0	0	4	2	7

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0008	0.074	0.0025	0.0007	111.00	87.10
MINIMUM :	0.0000	0.007	0.0004	0.0000	15.40	0.09
ARITH. MEAN :	0.0004	0.031	0.0014	0.0001	64.39	34.20
ARITH. STD. DEV :	0.0002	0.024	0.0008	0.0002	28.52	24.40
GEOM. MEAN :	0.0004	0.022	0.0012	0.0002	57.18	15.11
1ST QUARTILE :	0.0003	0.008	0.0007	0.0000	43.70	14.23
2ND QUARTILE :	0.0004	0.023	0.0013	0.0000	70.60	39.81
3RD QUARTILE :	0.0005	0.056	0.0023	0.0002	81.05	44.23
VOL. WGT. MEAN :	0.0003	0.020	0.0010	0.0002	74.75	24.55
MISSING VALUES :	0	2	6	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=COLDWATER MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	151.0	4545	58.00	5.39	.	6.75
MINIMUM :	13.0	359	6.50	3.97	.	1.00
ARITH. MEAN :	63.5	1553	26.27	4.47	.	2.87
ARITH. STD. DEV :	38.6	1114	13.13	0.33	.	1.68
GEOM. MEAN :	51.5	1252	23.19	4.46	.	2.46
1ST QUARTILE :	38.0	802	17.50	4.33	.	1.52
2ND QUARTILE :	54.0	1334	25.00	4.45	.	2.60
3RD QUARTILE :	87.0	1910	32.50	4.54	.	4.30
VOL. WGT. MEAN :	.	2134	28.05	.	.	3.07
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.85	0.80	0.62	1.370	0.140	0.150	0.405
MINIMUM :	0.24	0.12	0.03	0.190	0.020	0.000	0.000
ARITH. MEAN :	0.56	0.39	0.21	0.590	0.058	0.047	0.084
ARITH. STD. DEV :	0.21	0.24	0.15	0.370	0.039	0.046	0.108
GEOM. MEAN :	0.52	0.32	0.17	0.496	0.047	0.036	0.053
1ST QUARTILE :	0.37	0.17	0.10	0.295	0.025	0.020	0.017
2ND QUARTILE :	0.53	0.42	0.18	0.440	0.040	0.025	0.045
3RD QUARTILE :	0.75	0.58	0.28	0.855	0.087	0.067	0.117
VOL. WGT. MEAN :	0.53	0.34	0.26	0.589	0.052	0.043	0.084
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=COLDWATER MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.020	0.032	0.011	0.0004	0.020	0.077	0.008
MINIMUM :	0.170	0.000	0.001	0.0000	0.002	0.008	0.000
ARITH. MEAN :	0.416	0.010	0.004	0.0001	0.007	0.031	0.003
ARITH. STD. DEV :	0.264	0.010	0.003	0.0002	0.006	0.022	0.003
GEOM. MEAN :	0.351	0.009	0.003	0.0003	0.005	0.025	0.005
1ST QUARTILE :	0.198	0.003	0.001	0.0000	0.002	0.015	0.000
2ND QUARTILE :	0.326	0.006	0.003	0.0000	0.006	0.026	0.004
3RD QUARTILE :	0.635	0.018	0.005	0.0002	0.011	0.033	0.006
VOL. WGT. MEAN :	0.413	0.010	0.003	0.0001	0.006	0.027	0.003
MISSING VALUES :	0	0	0	0	4	1	8

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0009	0.042	0.0029	0.0002	138.00	107.15
MINIMUM :	0.0002	0.007	0.0004	0.0000	24.40	4.07
ARITH. MEAN :	0.0004	0.019	0.0013	0.0001	68.44	41.48
ARITH. STD. DEV :	0.0002	0.012	0.0008	0.0001	27.98	25.06
GEOM. MEAN :	0.0004	0.015	0.0011	0.0001	63.46	34.00
1ST QUARTILE :	0.0004	0.007	0.0008	0.0000	53.70	28.51
2ND QUARTILE :	0.0004	0.016	0.0011	0.0000	60.50	35.48
3RD QUARTILE :	0.0004	0.030	0.0016	0.0001	84.45	46.79
VOL. WGT. MEAN :	0.0004	0.016	0.0013	0.0001	74.49	23.99
MISSING VALUES :	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=DALHOUSIE MILLS MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	85.0	2838	51.00	7.23	.	5.90
MINIMUM :	10.5	0	12.00	4.02	.	1.20
ARITH. MEAN :	50.4	1229	32.55	5.11	.	3.66
ARITH. STD. DEV :	25.1	891	13.49	1.26	.	1.78
GEOM. MEAN :	43.1	1109	29.50	4.99	.	3.21
1ST QUARTILE :	32.5	510	21.50	4.10	.	1.92
2ND QUARTILE :	46.0	1247	33.25	4.59	.	3.67
3RD QUARTILE :	76.0	1695	43.75	6.67	.	5.51
VOL. WGT. MEAN :	.	1459	28.46	.	.	3.25
MISSING VALUES :	0.0	2	3	3	13	3

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.99	4.60	2.52	1.950	0.410	0.385	1.700
MINIMUM :	0.25	0.16	0.09	0.170	0.020	0.020	0.025
ARITH. MEAN :	0.84	1.01	0.51	0.806	0.119	0.091	0.305
ARITH. STD. DEV :	0.51	1.34	0.72	0.647	0.127	0.112	0.503
GEOM. MEAN :	0.71	0.59	0.29	0.601	0.075	0.058	0.130
1ST QUARTILE :	0.45	0.31	0.11	0.330	0.040	0.029	0.035
2ND QUARTILE :	0.75	0.50	0.39	0.515	0.057	0.045	0.192
3RD QUARTILE :	1.12	1.42	0.46	1.325	0.217	0.105	0.305
VOL. WGT. MEAN :	0.65	0.65	0.32	0.686	0.084	0.079	0.177
MISSING VALUES :	3	3	3	3	3	3	3

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=DALHOUSIE MILLS MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.660	0.147	0.025	0.0020	0.039	0.148	0.021
MINIMUM :	0.136	0.002	0.001	0.0000	0.003	0.000	0.000
ARITH. MEAN :	0.608	0.032	0.007	0.0006	0.019	0.048	0.010
ARITH. STD. DEV :	0.488	0.050	0.007	0.0006	0.014	0.045	0.010
GEOM. MEAN :	0.456	0.012	0.005	0.0006	0.014	0.045	0.011
1ST QUARTILE :	0.247	0.003	0.003	0.0000	0.007	0.022	0.001
2ND QUARTILE :	0.400	0.011	0.004	0.0003	0.019	0.035	0.010
3RD QUARTILE :	0.945	0.036	0.009	0.0010	0.036	0.064	0.019
VOL. WGT. MEAN :	0.519	0.028	0.006	0.0004	0.018	0.033	0.013
MISSING VALUES :	3	3	3	3	6	5	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEB+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0009	0.058	0.0018	0.0007	128.00	95.50
MINIMUM :	0.0002	0.007	0.0004	0.0000	15.60	0.06
ARITH. MEAN :	0.0005	0.027	0.0010	0.0002	63.42	37.72
ARITH. STD. DEV :	0.0002	0.020	0.0006	0.0002	42.50	36.61
GEOM. MEAN :	0.0004	0.020	0.0009	0.0001	49.94	7.73
1ST QUARTILE :	0.0004	0.009	0.0005	0.0000	23.40	0.22
2ND QUARTILE :	0.0004	0.019	0.0010	0.0000	51.10	26.69
3RD QUARTILE :	0.0007	0.047	0.0016	0.0003	114.25	79.90
VOL. WGT. MEAN :	0.0004	0.020	0.0010	0.0001	64.68	48.98
MISSING VALUES :	3	5	9	3	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=DORION MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	185.8	4935	75.00	7.63	.	6.25
MINIMUM :	1.3	283	5.50	4.38	.	0.20
ARITH. MEAN :	70.2	1760	17.97	5.16	.	1.90
ARITH. STD. DEV :	54.4	1488	18.87	0.96	.	1.66
GEOM. MEAN :	45.8	1242	13.53	5.10	.	1.37
1ST QUARTILE :	37.6	632	8.10	4.54	.	0.91
2ND QUARTILE :	46.8	1230	12.75	4.85	.	1.45
3RD QUARTILE :	98.0	2951	18.88	5.26	.	2.54
VOL. WGT. MEAN :	.	2737	12.32	.	.	1.50
MISSING VALUES :	0.0	0	1	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.13	2.12	0.22	1.020	0.380	0.115	0.205
MINIMUM :	0.10	0.10	0.00	0.190	0.010	0.000	0.025
ARITH. MEAN :	0.39	0.38	0.12	0.457	0.067	0.037	0.090
ARITH. STD. DEV :	0.26	0.57	0.07	0.247	0.104	0.034	0.055
GEOM. MEAN :	0.34	0.24	0.11	0.402	0.036	0.030	0.074
1ST QUARTILE :	0.26	0.12	0.07	0.270	0.025	0.010	0.037
2ND QUARTILE :	0.37	0.17	0.12	0.400	0.025	0.030	0.080
3RD QUARTILE :	0.45	0.32	0.17	0.620	0.050	0.065	0.130
VOL. WGT. MEAN :	0.30	0.26	0.10	0.498	0.041	0.044	0.071
MISSING VALUES :	1	1	1	2	1	2	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=DORION MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.686	0.066	0.017	0.0004	0.015	0.076	0.012
MINIMUM :	0.000	0.000	0.001	0.0000	0.004	0.000	0.000
ARITH. MEAN :	0.299	0.017	0.004	0.0001	0.007	0.027	0.004
ARITH. STD. DEV :	0.196	0.018	0.005	0.0002	0.004	0.025	0.005
GEOM. MEAN :	0.286	0.014	0.003	0.0003	0.006	0.024	0.003
1ST QUARTILE :	0.120	0.007	0.002	0.0000	0.004	0.012	0.001
2ND QUARTILE :	0.266	0.012	0.003	0.0001	0.007	0.018	0.002
3RD QUARTILE :	0.430	0.020	0.004	0.0003	0.009	0.044	0.009
VOL. WGT. MEAN :	0.309	0.013	0.003	0.0002	0.007	0.028	0.002
MISSING VALUES :	2	2	1	1	6	5	7

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.073	0.0082	0.0003	74.70	41.69
MINIMUM :	0.0002	0.007	0.0005	0.0000	19.00	0.02
ARITH. MEAN :	0.0004	0.021	0.0026	0.0001	41.61	16.96
ARITH. STD. DEV :	0.0001	0.021	0.0032	0.0001	18.21	13.93
GEOM. MEAN :	0.0003	0.015	0.0016	0.0001	37.95	6.84
1ST QUARTILE :	0.0003	0.009	0.0008	0.0000	25.50	5.58
2ND QUARTILE :	0.0004	0.010	0.0012	0.0000	41.25	14.87
3RD QUARTILE :	0.0004	0.027	0.0052	0.0002	56.72	28.71
VOL. WGT. MEAN :	0.0003	0.023	0.0011	0.0001	36.32	41.69
MISSING VALUES :	1	4	8	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=DORSET MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	118.0	3476	42.50	5.01	.	3.70
MINIMUM :	9.8	470	19.50	4.17	.	1.55
ARITH. MEAN :	67.2	2144	26.42	4.37	.	2.57
ARITH. STD. DEV :	35.4	932	7.32	0.22	.	0.77
GEOM. MEAN :	54.4	1900	25.62	4.36	.	2.46
1ST QUARTILE :	38.0	1387	21.00	4.23	.	1.82
2ND QUARTILE :	74.0	2277	23.50	4.31	.	2.40
3RD QUARTILE :	95.0	2935	28.75	4.43	.	3.30
VOL. WGT. MEAN :	.	2463	26.59	.	.	2.60
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.06	0.48	0.27	2.040	0.090	0.370	0.135
MINIMUM :	0.35	0.10	0.00	0.250	0.010	0.015	0.010
ARITH. MEAN :	0.56	0.23	0.13	0.535	0.037	0.053	0.048
ARITH. STD. DEV :	0.22	0.13	0.08	0.475	0.022	0.096	0.037
GEOM. MEAN :	0.53	0.20	0.12	0.441	0.032	0.031	0.037
1ST QUARTILE :	0.40	0.11	0.06	0.305	0.020	0.020	0.020
2ND QUARTILE :	0.45	0.18	0.11	0.350	0.030	0.025	0.035
3RD QUARTILE :	0.70	0.35	0.18	0.575	0.052	0.037	0.077
VOL. WGT. MEAN :	0.58	0.23	0.13	0.550	0.038	0.053	0.051
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=DORSET MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.225	0.208	0.007	0.0004	0.010	0.046	0.023
MINIMUM :	0.160	0.000	0.001	0.0000	0.001	0.012	0.000
ARITH. MEAN :	0.409	0.020	0.003	0.0001	0.004	0.026	0.008
ARITH. STD. DEV :	0.279	0.057	0.002	0.0001	0.004	0.011	0.009
GEOM. MEAN :	0.352	0.007	0.002	0.0002	0.004	0.024	0.005
1ST QUARTILE :	0.260	0.001	0.001	0.0000	0.002	0.016	0.001
2ND QUARTILE :	0.330	0.004	0.002	0.0000	0.004	0.026	0.002
3RD QUARTILE :	0.430	0.008	0.003	0.0002	0.007	0.033	0.019
VOL. WGT. MEAN :	0.422	0.022	0.003	0.0001	0.004	0.024	0.006
MISSING VALUES :	0	0	0	0	8	3	6

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0006	0.034	0.0012	0.0002	98.60	67.61
MINIMUM :	0.0003	0.006	0.0003	0.0000	52.60	9.77
ARITH. MEAN :	0.0004	0.015	0.0006	0.0001	74.38	46.50
ARITH. STD. DEV :	0.0001	0.008	0.0004	0.0001	14.99	15.62
GEOM. MEAN :	0.0004	0.013	0.0005	0.0001	72.96	42.73
1ST QUARTILE :	0.0004	0.008	0.0003	0.0000	61.05	36.73
2ND QUARTILE :	0.0004	0.015	0.0005	0.0000	78.00	48.98
3RD QUARTILE :	0.0004	0.018	0.0009	0.0001	84.70	58.95
VOL. WGT. MEAN :	0.0004	0.014	0.0006	0.0001	75.61	38.02
MISSING VALUES :	0	2	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=E.L.A. MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	215.0	5750	18.00	6.99	.	2.45
MINIMUM :	11.0	108	5.65	4.47	.	0.55
ARITH. MEAN :	45.0	1119	10.70	5.88	.	1.42
ARITH. STD. DEV :	52.3	1510	3.87	0.89	.	0.62
GEOM. MEAN :	33.0	691	10.06	5.82	.	1.29
1ST QUARTILE :	21.4	358	8.00	5.28	.	0.95
2ND QUARTILE :	35.8	665	11.00	5.74	.	1.30
3RD QUARTILE :	38.8	1222	14.00	6.78	.	1.95
VOL. WGT. MEAN :	.	2699	8.90	.	.	1.28
MISSING VALUES :	0.0	1	2	2	13	2

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.57	1.26	0.25	0.900	0.235	0.115	0.465
MINIMUM :	0.22	0.08	0.05	0.200	0.010	0.000	0.030
ARITH. MEAN :	0.36	0.36	0.11	0.588	0.067	0.042	0.134
ARITH. STD. DEV :	0.10	0.34	0.06	0.201	0.064	0.037	0.131
GEOM. MEAN :	0.35	0.26	0.10	0.550	0.046	0.031	0.090
1ST QUARTILE :	0.28	0.14	0.06	0.462	0.021	0.011	0.036
2ND QUARTILE :	0.35	0.22	0.09	0.575	0.042	0.032	0.082
3RD QUARTILE :	0.46	0.55	0.16	0.737	0.101	0.079	0.224
VOL. WGT. MEAN :	0.33	0.27	0.09	0.556	0.051	0.042	0.096
MISSING VALUES :	2	1	2	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=E.L.A. MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.682	0.046	0.013	0.0007	0.009	0.317	3.508
MINIMUM :	0.080	0.006	0.001	0.0000	0.003	0.000	0.000
ARITH. MEAN :	0.351	0.025	0.004	0.0002	0.005	0.063	0.508
ARITH. STD. DEV :	0.171	0.013	0.003	0.0003	0.002	0.099	1.323
GEOM. MEAN :	0.305	0.021	0.003	0.0004	0.004	0.039	0.030
1ST QUARTILE :	0.199	0.011	0.002	0.0000	0.003	0.015	0.000
2ND QUARTILE :	0.341	0.027	0.003	0.0000	0.004	0.024	0.007
3RD QUARTILE :	0.481	0.034	0.005	0.0002	0.006	0.069	0.028
VOL. WGT. MEAN :	0.361	0.020	0.004	0.0001	0.007	0.047	0.558
MISSING VALUES :	1	1	1	1	7	4	6

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13
MAXIMUM :	0.0005	0.105	0.1779	0.0008	60.40	13.00
MINIMUM :	0.0001	0.006	0.0019	0.0000	16.60	33.88
ARITH. MEAN :	0.0003	0.027	0.0899	0.0002	29.61	0.10
ARITH. STD. DEV :	0.0001	0.029	0.1245	0.0003	14.18	6.83
GEOM. MEAN :	0.0003	0.018	0.0183	0.0002	27.11	12.00
1ST QUARTILE :	0.0002	0.010	0.0019	0.0000	19.30	1.32
2ND QUARTILE :	0.0004	0.013	0.0899	0.0000	24.90	0.17
3RD QUARTILE :	0.0004	0.036	0.1779	0.0002	36.80	1.82
VOL. WGT. MEAN :	0.0004	0.020	0.0979	0.0001	28.65	5.25
MISSING VALUES :	1	2	11	1	2	33.88
						2.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=EAR FALLS MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	140.0	4279	15.00	7.31	.	1.85
MINIMUM :	2.1	526	3.80	4.70	.	0.00
ARITH. MEAN :	50.5	1122	7.88	5.71	.	0.95
ARITH. STD. DEV :	39.3	1006	3.05	0.76	.	0.50
GEOM. MEAN :	34.9	916	7.36	5.67	.	0.95
1ST QUARTILE :	23.3	634	5.10	4.98	.	0.65
2ND QUARTILE :	39.1	706	7.50	5.57	.	0.85
3RD QUARTILE :	72.5	1263	9.50	6.32	.	1.38
VOL. WGT. MEAN :	.	1745	7.53	.	.	0.95
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.54	0.78	0.18	1.100	0.155	0.180	0.165
MINIMUM :	0.08	0.10	0.03	0.190	0.015	0.005	0.025
ARITH. MEAN :	0.24	0.26	0.11	0.394	0.049	0.048	0.103
ARITH. STD. DEV :	0.11	0.21	0.04	0.243	0.043	0.050	0.043
GEOM. MEAN :	0.22	0.21	0.10	0.347	0.037	0.029	0.093
1ST QUARTILE :	0.18	0.11	0.08	0.225	0.020	0.010	0.070
2ND QUARTILE :	0.23	0.20	0.12	0.360	0.025	0.030	0.095
3RD QUARTILE :	0.27	0.27	0.13	0.420	0.077	0.067	0.142
VOL. WGT. MEAN :	0.20	0.24	0.10	0.418	0.049	0.056	0.099
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=EAR FALLS MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.590	0.045	0.009	0.0016	0.007	0.103	0.035
MINIMUM :	0.070	0.002	0.001	0.0000	0.002	0.000	0.000
ARITH. MEAN :	0.233	0.017	0.003	0.0002	0.004	0.030	0.007
ARITH. STD. DEV :	0.145	0.012	0.003	0.0005	0.002	0.030	0.013
GEOM. MEAN :	0.193	0.013	0.002	0.0004	0.004	0.029	0.005
1ST QUARTILE :	0.099	0.008	0.001	0.0000	0.003	0.010	0.000
2ND QUARTILE :	0.210	0.013	0.002	0.0000	0.004	0.020	0.001
3RD QUARTILE :	0.323	0.024	0.004	0.0003	0.006	0.043	0.009
VOL. WGT. MEAN :	0.271	0.017	0.003	0.0001	0.005	0.035	0.013
MISSING VALUES :	0	0	0	0	7	2	6

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.031	0.0018	0.0004	39.60	19.95
MINIMUM :	0.0001	0.008	0.0004	0.0000	16.30	0.05
ARITH. MEAN :	0.0003	0.019	0.0010	0.0001	25.66	5.15
ARITH. STD. DEV :	0.0001	0.010	0.0005	0.0001	8.64	6.12
GEOM. MEAN :	0.0003	0.017	0.0009	0.0001	24.43	1.93
1ST QUARTILE :	0.0003	0.009	0.0005	0.0000	19.35	0.48
2ND QUARTILE :	0.0004	0.017	0.0011	0.0000	21.80	2.69
3RD QUARTILE :	0.0004	0.030	0.0014	0.0001	35.75	10.48
VOL. WGT. MEAN :	0.0004	0.017	0.0008	0.0000	25.56	19.95
MISSING VALUES :	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=GERALDTON MIC TYPE A SITE NO. 1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	166.0	3525	20.50	6.79	.	2.55
MINIMUM :	26.8	216	4.00	4.35	.	0.00
ARITH. MEAN :	70.2	1487	10.43	5.06	.	1.17
ARITH. STD. DEV :	41.8	1192	5.35	0.61	.	0.64
GEOM. MEAN :	59.9	1039	9.28	5.03	.	1.17
1ST QUARTILE :	34.4	396	6.70	4.66	.	0.77
2ND QUARTILE :	51.3	1209	8.50	5.00	.	1.05
3RD QUARTILE :	101.5	2848	16.00	5.28	.	1.50
VOL. WGT. MEAN :	.	2060	8.75	.	.	1.06
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.54	0.48	0.19	1.820	0.095	0.340	0.160
MINIMUM :	0.00	0.06	0.00	0.170	0.005	0.000	0.010
ARITH. MEAN :	0.26	0.20	0.10	0.405	0.033	0.042	0.069
ARITH. STD. DEV :	0.15	0.13	0.07	0.453	0.025	0.090	0.044
GEOM. MEAN :	0.26	0.16	0.10	0.312	0.026	0.029	0.056
1ST QUARTILE :	0.17	0.09	0.03	0.222	0.015	0.007	0.037
2ND QUARTILE :	0.24	0.14	0.10	0.260	0.025	0.020	0.060
3RD QUARTILE :	0.37	0.32	0.16	0.345	0.047	0.030	0.095
VOL. WGT. MEAN :	0.22	0.18	0.07	0.352	0.030	0.035	0.053
MISSING VALUES :	0	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=GERALDTON MIC TYPE A SITE NO. 1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.140	0.130	0.012	0.0006	0.009	0.090	0.014
MINIMUM :	0.000	0.003	0.001	0.0000	0.004	0.000	0.000
ARITH. MEAN :	0.242	0.021	0.003	0.0001	0.006	0.034	0.004
ARITH. STD. DEV :	0.283	0.035	0.003	0.0002	0.003	0.030	0.006
GEOM. MEAN :	0.197	0.012	0.002	0.0003	0.005	0.032	0.003
1ST QUARTILE :	0.120	0.008	0.001	0.0000	0.004	0.014	0.001
2ND QUARTILE :	0.156	0.009	0.002	0.0000	0.004	0.035	0.002
3RD QUARTILE :	0.240	0.020	0.004	0.0003	0.009	0.048	0.009
VOL. WGT. MEAN :	0.232	0.017	0.003	0.0001	0.006	0.038	0.003
MISSING VALUES :	0	1	0	0	10	6	8

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0012	0.075	0.0012	0.0005	62.70	44.67
MINIMUM :	0.0001	0.007	0.0005	0.0000	22.10	0.16
ARITH. MEAN :	0.0004	0.021	0.0009	0.0001	36.25	14.74
ARITH. STD. DEV :	0.0003	0.020	0.0003	0.0002	13.94	12.81
GEOM. MEAN :	0.0003	0.016	0.0008	0.0001	34.03	8.74
1ST QUARTILE :	0.0003	0.009	0.0006	0.0000	24.85	5.20
2ND QUARTILE :	0.0004	0.014	0.0009	0.0000	28.10	10.00
3RD QUARTILE :	0.0004	0.024	0.0011	0.0002	47.95	22.02
VOL. WGT. MEAN :	0.0004	0.019	0.0009	0.0001	31.95	33.11
MISSING VALUES :	0	2	8	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=GOLDEN LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	76.0	2228	48.00	4.59	.	3.55
MINIMUM :	1.3	382	17.00	4.20	.	1.00
ARITH. MEAN :	46.0	1244	28.09	4.35	.	2.28
ARITH. STD. DEV :	24.2	574	8.83	0.14	.	0.86
GEOM. MEAN :	32.8	1119	26.93	4.35	.	2.12
1ST QUARTILE :	28.0	889	20.00	4.24	.	1.65
2ND QUARTILE :	51.0	962	26.00	4.31	.	2.35
3RD QUARTILE :	64.0	1806	33.00	4.51	.	3.10
VOL. WGT. MEAN :	.	1450	27.45	.	.	2.41
MISSING VALUES :	0.0	0	0	0	11	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	1.39	0.74	0.35	0.780	0.090	0.115	0.150
MINIMUM :	0.34	0.08	0.03	0.150	0.015	0.010	0.025
ARITH. MEAN :	0.62	0.26	0.14	0.419	0.038	0.038	0.056
ARITH. STD. DEV :	0.29	0.19	0.08	0.190	0.024	0.032	0.038
GEOM. MEAN :	0.57	0.21	0.12	0.378	0.032	0.028	0.047
1ST QUARTILE :	0.44	0.14	0.09	0.230	0.020	0.020	0.030
2ND QUARTILE :	0.55	0.20	0.13	0.400	0.030	0.025	0.050
3RD QUARTILE :	0.71	0.36	0.17	0.600	0.050	0.050	0.065
VOL. WGT. MEAN :	0.56	0.24	0.13	0.438	0.037	0.039	0.046
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=GOLDEN LAKE MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.710	0.015	0.012	0.0053	0.020	0.075	0.014
MINIMUM :	0.098	0.000	0.002	0.0000	0.004	0.000	0.005
ARITH. MEAN :	0.329	0.007	0.004	0.0007	0.008	0.021	0.010
ARITH. STD. DEV :	0.204	0.004	0.003	0.0016	0.005	0.021	0.007
GEOM. MEAN :	0.272	0.006	0.003	0.0004	0.006	0.022	0.009
1ST QUARTILE :	0.170	0.004	0.002	0.0000	0.004	0.010	0.005
2ND QUARTILE :	0.246	0.006	0.003	0.0002	0.006	0.015	0.010
3RD QUARTILE :	0.546	0.008	0.004	0.0005	0.008	0.029	0.014
VOL. WGT. MEAN :	0.353	0.006	0.003	0.0004	0.007	0.015	0.007
MISSING VALUES :	0	0	0	0	3	1	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	11	11	11	11	11	11
MAXIMUM :	0.0005	0.034	0.0021	0.0003	98.80	11.00
MINIMUM :	0.0000	0.008	0.0004	0.0000	42.60	63.10
ARITH. MEAN :	0.0004	0.017	0.0010	0.0001	74.64	25.70
ARITH. STD. DEV :	0.0001	0.009	0.0006	0.0001	17.90	46.67
GEOM. MEAN :	0.0003	0.015	0.0009	0.0001	72.43	13.03
1ST QUARTILE :	0.0003	0.009	0.0004	0.0000	53.60	44.76
2ND QUARTILE :	0.0004	0.017	0.0009	0.0000	75.50	30.90
3RD QUARTILE :	0.0004	0.022	0.0015	0.0001	89.30	48.98
VOL. WGT. MEAN :	0.0004	0.015	0.0011	0.0001	74.84	57.54
MISSING VALUES :	0	2	5	0	0	25.70
						0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=GOWGANDA MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	128.0	3934	44.50	6.78	.	5.95
MINIMUM :	10.0	52	13.00	4.21	.	0.80
ARITH. MEAN :	67.9	1681	22.15	4.60	.	2.25
ARITH. STD. DEV :	34.6	1178	8.90	0.67	.	1.34
GEOM. MEAN :	57.0	1119	20.77	4.57	.	1.96
1ST QUARTILE :	33.2	549	15.75	4.28	.	1.37
2ND QUARTILE :	62.0	1667	17.50	4.45	.	1.90
3RD QUARTILE :	94.5	2570	28.00	4.61	.	2.87
VOL. WGT. MEAN :	.	2209	20.11	.	.	2.05
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.78	0.48	0.30	2.750	0.105	0.435	0.125
MINIMUM :	0.14	0.00	0.00	0.190	0.005	0.005	0.020
ARITH. MEAN :	0.41	0.17	0.10	0.646	0.032	0.073	0.043
ARITH. STD. DEV :	0.18	0.14	0.08	0.729	0.026	0.137	0.030
GEOM. MEAN :	0.37	0.15	0.09	0.443	0.024	0.023	0.037
1ST QUARTILE :	0.28	0.08	0.05	0.230	0.012	0.010	0.022
2ND QUARTILE :	0.39	0.14	0.09	0.335	0.030	0.015	0.030
3RD QUARTILE :	0.52	0.22	0.13	0.777	0.042	0.045	0.052
VOL. WGT. MEAN :	0.34	0.13	0.08	0.630	0.025	0.050	0.035
MISSING VALUES :	0	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=GOWGANDA MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.650	0.200	0.011	0.1616	0.032	0.070	0.048
MINIMUM :	0.090	0.000	0.001	0.0000	0.002	0.000	0.000
ARITH. MEAN :	0.365	0.027	0.003	0.0136	0.009	0.019	0.014
ARITH. STD. DEV :	0.410	0.057	0.003	0.0466	0.010	0.022	0.018
GEOM. MEAN :	0.263	0.013	0.002	0.0010	0.006	0.020	0.016
1ST QUARTILE :	0.155	0.000	0.001	0.0000	0.003	0.003	0.000
2ND QUARTILE :	0.230	0.006	0.002	0.0001	0.005	0.017	0.009
3RD QUARTILE :	0.390	0.028	0.003	0.0004	0.009	0.019	0.025
VOL. WGT. MEAN :	0.325	0.022	0.002	0.0020	0.006	0.011	0.007
MISSING VALUES :	0	1	1	1	5	5	7

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0009	0.023	0.0081	0.0023	101.00	61.66
MINIMUM :	0.0000	0.007	0.0007	0.0000	29.30	0.17
ARITH. MEAN :	0.0004	0.011	0.0024	0.0003	65.78	37.01
ARITH. STD. DEV :	0.0002	0.005	0.0028	0.0007	20.25	17.17
GEOM. MEAN :	0.0003	0.010	0.0016	0.0001	62.66	24.90
1ST QUARTILE :	0.0004	0.007	0.0008	0.0000	52.20	24.55
2ND QUARTILE :	0.0004	0.009	0.0014	0.0000	64.40	35.48
3RD QUARTILE :	0.0004	0.012	0.0034	0.0002	85.30	52.48
VOL. WGT. MEAN :	0.0004	0.009	0.0015	0.0001	60.81	33.11
MISSING VALUES :	1	4	7	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=KILLARNEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	140.0	3154	49.50	4.71	.	4.45
MINIMUM :	5.0	169	15.50	4.06	.	1.30
ARITH. MEAN :	62.3	1636	30.00	4.33	.	2.87
ARITH. STD. DEV :	36.5	935	10.55	0.19	.	1.00
GEOM. MEAN :	49.7	1323	28.36	4.32	.	2.71
1ST QUARTILE :	37.0	833	22.25	4.19	.	2.20
2ND QUARTILE :	55.0	1600	25.00	4.28	.	2.65
3RD QUARTILE :	86.5	2430	36.50	4.48	.	3.95
VOL. WGT. MEAN :	.	2123	30.00	.	.	2.73
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.22	0.72	0.30	0.990	0.135	0.280	0.135
MINIMUM :	0.28	0.08	0.00	0.230	0.015	0.005	0.005
ARITH. MEAN :	0.69	0.33	0.14	0.555	0.055	0.055	0.056
ARITH. STD. DEV :	0.27	0.22	0.10	0.249	0.043	0.071	0.045
GEOM. MEAN :	0.63	0.26	0.12	0.502	0.041	0.035	0.039
1ST QUARTILE :	0.51	0.14	0.05	0.350	0.020	0.022	0.022
2ND QUARTILE :	0.60	0.26	0.14	0.540	0.035	0.030	0.045
3RD QUARTILE :	0.90	0.56	0.20	0.810	0.097	0.062	0.095
VOL. WGT. MEAN :	0.68	0.26	0.13	0.491	0.039	0.039	0.055
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=KILLARNEY MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.850	0.040	0.010	0.0013	0.012	0.052	0.030
MINIMUM :	0.200	0.000	0.001	0.0000	0.004	0.000	0.000
ARITH. MEAN :	0.455	0.007	0.003	0.0004	0.007	0.026	0.009
ARITH. STD. DEV :	0.226	0.011	0.003	0.0005	0.003	0.018	0.014
GEOM. MEAN :	0.406	0.008	0.003	0.0005	0.007	0.023	0.014
1ST QUARTILE :	0.266	0.000	0.001	0.0000	0.005	0.010	0.000
2ND QUARTILE :	0.366	0.003	0.003	0.0003	0.006	0.024	0.003
3RD QUARTILE :	0.704	0.008	0.004	0.0009	0.011	0.040	0.024
VOL. WGT. MEAN :	0.423	0.004	0.003	0.0005	0.008	0.021	0.006
MISSING VALUES :	0	0	1	1	6	1	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0005	0.043	0.0025	0.0003	110.00	87.10
MINIMUM :	0.0001	0.007	0.0007	0.0000	45.60	19.50
ARITH. MEAN :	0.0004	0.015	0.0014	0.0001	80.54	50.87
ARITH. STD. DEV :	0.0001	0.011	0.0007	0.0001	19.86	19.74
GEOM. MEAN :	0.0004	0.013	0.0012	0.0001	78.08	46.94
1ST QUARTILE :	0.0004	0.008	0.0007	0.0000	64.95	33.54
2ND QUARTILE :	0.0004	0.011	0.0012	0.0000	82.20	52.48
3RD QUARTILE :	0.0004	0.019	0.0020	0.0002	99.85	64.57
VOL. WGT. MEAN :	0.0003	0.015	0.0014	0.0001	82.91	38.90
MISSING VALUES :	1	2	7	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=LAC LA CROIX MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	7.0	7	7	7	7	7
MAXIMUM :	210.0	6457	13.00	5.88	.	2.25
MINIMUM :	3.8	30	5.00	4.66	.	0.60
ARITH. MEAN :	91.8	2463	8.17	5.32	.	1.07
ARITH. STD. DEV :	79.2	2487	2.93	0.44	.	0.60
GEOM. MEAN :	55.4	1087	7.76	5.30	.	0.96
1ST QUARTILE :	43.0	426	5.75	4.98	.	0.67
2ND QUARTILE :	70.0	1837	7.50	5.31	.	0.92
3RD QUARTILE :	195.0	5400	10.75	5.71	.	1.31
VOL. WGT. MEAN :	.	4241	6.82	.	.	1.03
MISSING VALUES :	0.0	0	1	1	7	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	7	7	7	7	7	7	7
MAXIMUM :	0.44	0.48	0.83	0.780	0.070	0.190	0.080
MINIMUM :	0.16	0.10	0.05	0.140	0.015	0.000	0.020
ARITH. MEAN :	0.27	0.20	0.19	0.462	0.035	0.064	0.039
ARITH. STD. DEV :	0.10	0.14	0.31	0.246	0.020	0.067	0.023
GEOM. MEAN :	0.26	0.18	0.10	0.397	0.031	0.059	0.034
1ST QUARTILE :	0.17	0.13	0.05	0.230	0.019	0.019	0.020
2ND QUARTILE :	0.26	0.15	0.07	0.445	0.030	0.047	0.032
3RD QUARTILE :	0.36	0.27	0.27	0.720	0.051	0.104	0.057
VOL. WGT. MEAN :	0.23	0.19	0.31	0.518	0.034	0.089	0.032
MISSING VALUES :	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=LAC LA CROIX MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	7	7	7	7	7	7	7
MAXIMUM :	0.750	0.054	0.010	0.0002	0.008	0.045	0.006
MINIMUM :	0.040	0.003	0.002	0.0000	0.003	0.008	0.000
ARITH. MEAN :	0.407	0.016	0.004	0.0000	0.004	0.025	0.003
ARITH. STD. DEV :	0.268	0.019	0.003	0.0001	0.002	0.015	0.004
GEOM. MEAN :	0.296	0.009	0.004	0.0002	0.004	0.021	0.006
1ST QUARTILE :	0.192	0.004	0.002	0.0000	0.003	0.012	0.000
2ND QUARTILE :	0.398	0.008	0.003	0.0000	0.003	0.024	0.003
3RD QUARTILE :	0.706	0.025	0.006	0.0000	0.007	0.040	0.006
VOL. WGT. MEAN :	0.459	0.022	0.004	0.0000	0.005	0.019	0.003
MISSING VALUES :	0	1	1	1	3	3	5

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	7	7	7	7	7	7.00
MAXIMUM :	0.0004	0.016	0.0024	0.0001	43.20	21.88
MINIMUM :	0.0000	0.006	0.0024	0.0000	20.40	1.32
ARITH. MEAN :	0.0003	0.010	0.0024	0.0000	28.02	7.36
ARITH. STD. DEV :	0.0002	0.004	.	0.0000	8.18	7.64
GEOM. MEAN :	0.0004	0.009	0.0024	0.0001	27.16	4.80
1ST QUARTILE :	0.0003	0.007	0.0024	0.0000	22.57	1.97
2ND QUARTILE :	0.0004	0.009	0.0024	0.0000	25.85	5.32
3RD QUARTILE :	0.0004	0.013	0.0024	0.0000	32.92	11.57
VOL. WGT. MEAN :	0.0003	0.009	0.0024	0.0000	25.57	3.24
MISSING VALUES :	1	2	6	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=MATTAWA MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	89.0	2538	48.00	5.05	.	4.65
MINIMUM :	22.0	577	12.00	4.16	.	1.20
ARITH. MEAN :	58.2	1549	27.23	4.39	.	2.26
ARITH. STD. DEV :	21.8	647	10.09	0.25	.	1.09
GEOM. MEAN :	54.0	1414	25.45	4.38	.	2.06
1ST QUARTILE :	43.0	1025	19.00	4.19	.	1.45
2ND QUARTILE :	62.0	1681	28.00	4.42	.	1.90
3RD QUARTILE :	75.8	2075	33.00	4.44	.	3.10
VOL. WGT. MEAN :	.	1764	28.24	.	.	2.32
MISSING VALUES :	0.0	0	0	0	11	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.89	0.58	0.25	0.660	0.080	0.220	0.115
MINIMUM :	0.26	0.06	0.04	0.150	0.005	0.010	0.025
ARITH. MEAN :	0.56	0.22	0.13	0.428	0.035	0.047	0.050
ARITH. STD. DEV :	0.22	0.15	0.07	0.150	0.023	0.059	0.030
GEOM. MEAN :	0.52	0.19	0.11	0.399	0.027	0.031	0.043
1ST QUARTILE :	0.37	0.14	0.08	0.360	0.015	0.015	0.025
2ND QUARTILE :	0.56	0.20	0.09	0.400	0.030	0.035	0.030
3RD QUARTILE :	0.74	0.22	0.20	0.550	0.050	0.045	0.065
VOL. WGT. MEAN :	0.56	0.22	0.13	0.400	0.033	0.036	0.047
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=MATTAWA MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.502	0.033	0.007	0.0005	0.011	0.144	0.012
MINIMUM :	0.096	0.000	0.001	0.0000	0.002	0.000	0.000
ARITH. MEAN :	0.305	0.010	0.004	0.0001	0.007	0.039	0.006
ARITH. STD. DEV :	0.142	0.011	0.002	0.0002	0.003	0.040	0.009
GEOM. MEAN :	0.269	0.008	0.003	0.0002	0.006	0.033	0.012
1ST QUARTILE :	0.206	0.002	0.002	0.0000	0.003	0.016	0.000
2ND QUARTILE :	0.290	0.005	0.004	0.0001	0.008	0.030	0.006
3RD QUARTILE :	0.450	0.017	0.006	0.0002	0.009	0.048	0.012
VOL. WGT. MEAN :	0.304	0.008	0.003	0.0001	0.006	0.032	0.005
MISSING VALUES :	0	0	0	0	3	0	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	11	11	11	11	11	11
MAXIMUM :	0.0004	0.105	0.0033	0.0002	112.00	69.18
MINIMUM :	0.0000	0.007	0.0007	0.0000	30.70	8.91
ARITH. MEAN :	0.0003	0.024	0.0021	0.0001	74.95	45.35
ARITH. STD. DEV :	0.0001	0.031	0.0011	0.0001	22.04	17.76
GEOM. MEAN :	0.0003	0.016	0.0018	0.0001	71.46	40.65
1ST QUARTILE :	0.0001	0.008	0.0009	0.0000	63.40	36.31
2ND QUARTILE :	0.0004	0.015	0.0023	0.0000	70.60	38.02
3RD QUARTILE :	0.0004	0.024	0.0032	0.0001	93.20	64.57
VOL. WGT. MEAN :	0.0003	0.020	0.0019	0.0001	76.31	36.31
MISSING VALUES :	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=MCKELLAR MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	149.0	3885	56.00	7.39	.	8.80
MINIMUM :	11.0	268	9.00	4.11	.	1.30
ARITH. MEAN :	88.3	1915	30.15	4.64	.	3.23
ARITH. STD. DEV :	42.1	1099	13.82	0.91	.	2.01
GEOM. MEAN :	72.9	1472	26.93	4.57	.	2.82
1ST QUARTILE :	59.3	895	17.75	4.22	.	1.90
2ND QUARTILE :	97.0	2048	28.00	4.32	.	2.40
3RD QUARTILE :	117.5	2781	39.75	4.47	.	3.97
VOL. WGT. MEAN :	.	2329	30.39	.	.	3.04
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.22	1.14	0.40	5.700	0.275	0.885	0.220
MINIMUM :	0.23	0.10	0.03	0.270	0.015	0.010	0.020
ARITH. MEAN :	0.65	0.34	0.18	0.983	0.066	0.121	0.072
ARITH. STD. DEV :	0.27	0.28	0.11	1.438	0.068	0.238	0.059
GEOM. MEAN :	0.59	0.26	0.15	0.648	0.048	0.049	0.055
1ST QUARTILE :	0.43	0.14	0.10	0.425	0.027	0.022	0.030
2ND QUARTILE :	0.69	0.24	0.14	0.590	0.045	0.035	0.045
3RD QUARTILE :	0.82	0.41	0.22	0.825	0.077	0.095	0.107
VOL. WGT. MEAN :	0.63	0.27	0.17	0.702	0.050	0.060	0.071
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=MCKELLAR MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	4.530	0.385	0.013	0.0028	0.022	0.266	0.010
MINIMUM :	0.152	0.000	0.001	0.0000	0.004	0.008	0.000
ARITH. MEAN :	0.777	0.043	0.004	0.0003	0.008	0.057	0.006
ARITH. STD. DEV :	1.146	0.104	0.004	0.0008	0.006	0.078	0.004
GEOM. MEAN :	0.501	0.016	0.003	0.0004	0.007	0.033	0.007
1ST QUARTILE :	0.308	0.001	0.001	0.0000	0.004	0.015	0.001
2ND QUARTILE :	0.530	0.005	0.003	0.0002	0.006	0.030	0.006
3RD QUARTILE :	0.668	0.039	0.004	0.0003	0.011	0.070	0.010
VOL. WGT. MEAN :	0.571	0.021	0.003	0.0002	0.006	0.037	0.006
MISSING VALUES :	0	0	0	0	3	3	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEB+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0005	0.034	0.0051	0.0003	110.00	77.62
MINIMUM :	0.0001	0.006	0.0007	0.0000	24.10	0.04
ARITH. MEAN :	0.0004	0.016	0.0020	0.0001	74.82	44.36
ARITH. STD. DEV :	0.0001	0.010	0.0018	0.0001	25.75	22.98
GEOM. MEAN :	0.0003	0.013	0.0015	0.0001	68.83	22.95
1ST QUARTILE :	0.0004	0.007	0.0009	0.0000	65.85	33.92
2ND QUARTILE :	0.0004	0.013	0.0011	0.0000	75.20	47.86
3RD QUARTILE :	0.0004	0.026	0.0036	0.0001	93.75	59.60
VOL. WGT. MEAN :	0.0004	0.012	0.0012	0.0001	82.37	47.86
MISSING VALUES :	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=MERLIN MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	91.0	2340	91.00	7.35	.	10.20
MINIMUM :	5.0	129	19.00	3.83	.	1.55
ARITH. MEAN :	40.2	1068	35.67	4.60	.	4.43
ARITH. STD. DEV :	26.7	705	19.48	0.91	.	2.37
GEOM. MEAN :	31.2	764	32.35	4.54	.	3.92
1ST QUARTILE :	19.4	258	23.63	4.18	.	2.51
2ND QUARTILE :	31.0	1186	30.25	4.37	.	4.12
3RD QUARTILE :	65.2	1518	41.38	4.65	.	5.85
VOL. WGT. MEAN :	.	1368	32.34	.	.	3.88
MISSING VALUES :	0.0	1	1	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.27	1.50	3.65	1.580	0.265	0.265	2.030
MINIMUM :	0.15	0.22	0.00	0.360	0.035	0.000	0.025
ARITH. MEAN :	0.72	0.81	0.58	0.872	0.144	0.084	0.294
ARITH. STD. DEV :	0.35	0.50	1.01	0.382	0.089	0.077	0.568
GEOM. MEAN :	0.62	0.65	0.32	0.797	0.114	0.071	0.114
1ST QUARTILE :	0.42	0.31	0.12	0.540	0.056	0.040	0.046
2ND QUARTILE :	0.69	0.76	0.25	0.870	0.147	0.055	0.095
3RD QUARTILE :	1.03	1.34	0.44	1.020	0.229	0.131	0.196
VOL. WGT. MEAN :	0.63	0.58	0.36	0.696	0.102	0.063	0.176
MISSING VALUES :	1	1	1	2	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=MERLIN MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.240	0.023	0.014	0.0022	0.027	0.122	0.004
MINIMUM :	0.130	0.000	0.001	0.0000	0.006	0.012	0.000
ARITH. MEAN :	0.596	0.012	0.006	0.0004	0.014	0.060	0.001
ARITH. STD. DEV :	0.331	0.007	0.005	0.0007	0.008	0.042	0.002
GEOM. MEAN :	0.506	0.011	0.004	0.0004	0.012	0.047	0.004
1ST QUARTILE :	0.309	0.005	0.002	0.0000	0.006	0.027	0.000
2ND QUARTILE :	0.556	0.011	0.005	0.0000	0.013	0.038	0.000
3RD QUARTILE :	0.732	0.019	0.011	0.0002	0.020	0.112	0.004
VOL. WGT. MEAN :	0.513	0.011	0.004	0.0002	0.010	0.045	0.002
MISSING VALUES :	1	1	2	2	7	3	10

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0008	0.078	0.0090	0.0007	197.00	147.91
MINIMUM :	0.0001	0.007	0.0004	0.0000	16.90	0.04
ARITH. MEAN :	0.0004	0.030	0.0031	0.0001	82.87	49.97
ARITH. STD. DEV :	0.0002	0.026	0.0033	0.0002	46.88	39.74
GEOM. MEAN :	0.0004	0.022	0.0018	0.0002	70.86	24.88
1ST QUARTILE :	0.0004	0.009	0.0010	0.0000	50.97	22.52
2ND QUARTILE :	0.0004	0.020	0.0011	0.0000	74.20	42.76
3RD QUARTILE :	0.0004	0.053	0.0060	0.0001	101.65	65.63
VOL. WGT. MEAN :	0.0004	0.023	0.0026	0.0001	86.11	.
MISSING VALUES :	2	4	6	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=MOONBEAM MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	12.0	12	12	12	12	12
MAXIMUM :	195.0	5650	34.00	6.67	.	4.15
MINIMUM :	11.1	231	6.50	4.26	.	0.75
ARITH. MEAN :	66.6	1425	17.08	4.78	.	1.72
ARITH. STD. DEV :	49.9	1471	8.94	0.63	.	1.07
GEOM. MEAN :	51.7	995	15.21	4.75	.	1.48
1ST QUARTILE :	41.3	503	11.25	4.48	.	0.87
2ND QUARTILE :	53.9	1093	12.50	4.61	.	1.37
3RD QUARTILE :	78.8	1720	25.38	4.85	.	2.35
VOL. WGT. MEAN :	.	2345	16.07	.	.	1.44
MISSING VALUES :	0.0	0	0	0	12	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	12	12	12	12	12	12	12
MAXIMUM :	0.84	1.00	0.18	1.030	0.155	0.185	0.130
MINIMUM :	0.14	0.04	0.00	0.120	0.000	0.000	0.010
ARITH. MEAN :	0.40	0.24	0.09	0.400	0.038	0.042	0.047
ARITH. STD. DEV :	0.20	0.29	0.06	0.284	0.043	0.066	0.032
GEOM. MEAN :	0.35	0.14	0.09	0.320	0.028	0.020	0.038
1ST QUARTILE :	0.22	0.04	0.05	0.160	0.011	0.010	0.022
2ND QUARTILE :	0.38	0.13	0.09	0.350	0.025	0.010	0.042
3RD QUARTILE :	0.50	0.29	0.14	0.522	0.040	0.049	0.062
VOL. WGT. MEAN :	0.33	0.15	0.07	0.308	0.024	0.029	0.036
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=MOONBEAM MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	12	12	12	12	12	12	12
MAXIMUM :	0.856	0.072	0.017	0.0002	0.009	0.134	0.012
MINIMUM :	0.090	0.000	0.001	0.0000	0.003	0.000	0.000
ARITH. MEAN :	0.307	0.012	0.004	0.0001	0.006	0.031	0.004
ARITH. STD. DEV :	0.251	0.021	0.006	0.0001	0.002	0.039	0.007
GEOM. MEAN :	0.233	0.007	0.002	0.0002	0.005	0.029	0.012
1ST QUARTILE :	0.117	0.000	0.001	0.0000	0.003	0.009	0.000
2ND QUARTILE :	0.232	0.003	0.002	0.0000	0.006	0.022	0.000
3RD QUARTILE :	0.412	0.014	0.005	0.0002	0.008	0.037	0.012
VOL. WGT. MEAN :	0.232	0.009	0.003	0.0000	0.006	0.019	0.004
MISSING VALUES :	0	0	0	0	5	2	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	12	12	12	12	12	12.00
MAXIMUM :	0.0004	0.020	0.0019	0.0024	88.10	54.95
MINIMUM :	0.0000	0.007	0.0005	0.0000	20.50	0.21
ARITH. MEAN :	0.0003	0.013	0.0013	0.0003	50.87	24.95
ARITH. STD. DEV :	0.0001	0.004	0.0006	0.0007	17.35	14.23
GEOM. MEAN :	0.0003	0.012	0.0012	0.0002	47.99	16.63
1ST QUARTILE :	0.0002	0.009	0.0007	0.0000	40.40	14.14
2ND QUARTILE :	0.0004	0.011	0.0014	0.0000	48.25	24.55
3RD QUARTILE :	0.0004	0.017	0.0019	0.0002	62.97	33.14
VOL. WGT. MEAN :	0.0003	0.011	0.0012	0.0002	49.00	29.51
MISSING VALUES :	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=MOOSONEE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	115.0	2819	67.50	7.82	.	6.55
MINIMUM :	24.9	420	4.00	4.49	.	0.35
ARITH. MEAN :	61.9	1295	17.12	4.98	.	1.53
ARITH. STD. DEV :	30.4	866	16.63	0.87	.	1.67
GEOM. MEAN :	54.9	1029	12.87	4.92	.	1.07
1ST QUARTILE :	30.6	501	7.75	4.57	.	0.60
2ND QUARTILE :	50.0	1422	11.00	4.75	.	1.00
3RD QUARTILE :	90.0	1820	19.75	4.96	.	1.70
VOL. WGT. MEAN :	.	1632	16.38	.	.	1.36
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.61	2.80	1.89	5.600	0.620	0.850	1.130
MINIMUM :	0.11	0.00	0.00	0.070	0.000	0.000	0.000
ARITH. MEAN :	0.26	0.35	0.36	0.629	0.085	0.087	0.228
ARITH. STD. DEV :	0.14	0.75	0.55	1.500	0.166	0.230	0.376
GEOM. MEAN :	0.23	0.16	0.20	0.234	0.043	0.030	0.096
1ST QUARTILE :	0.15	0.06	0.07	0.105	0.017	0.007	0.037
2ND QUARTILE :	0.22	0.14	0.12	0.190	0.035	0.020	0.050
3RD QUARTILE :	0.32	0.26	0.43	0.355	0.052	0.052	0.247
VOL. WGT. MEAN :	0.22	0.22	0.39	0.398	0.063	0.054	0.233
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=MOOSONEE MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	4.070	0.508	0.005	0.0069	0.023	0.108	0.038
MINIMUM :	0.036	0.000	0.001	0.0000	0.003	0.000	0.000
ARITH. MEAN :	0.443	0.042	0.002	0.0006	0.007	0.039	0.023
ARITH. STD. DEV :	1.094	0.140	0.002	0.0019	0.006	0.039	0.017
GEOM. MEAN :	0.149	0.007	0.001	0.0005	0.006	0.033	0.030
1ST QUARTILE :	0.078	0.000	0.001	0.0000	0.004	0.011	0.005
2ND QUARTILE :	0.116	0.002	0.001	0.0000	0.006	0.022	0.027
3RD QUARTILE :	0.261	0.007	0.002	0.0002	0.010	0.074	0.037
VOL. WGT. MEAN :	0.281	0.021	0.002	0.0003	0.006	0.038	0.019
MISSING VALUES :	0	0	0	0	1	6	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.043	0.0050	0.0004	60.40	32.36
MINIMUM :	0.0000	0.007	0.0005	0.0000	3.70	0.02
ARITH. MEAN :	0.0003	0.013	0.0015	0.0001	39.74	17.99
ARITH. STD. DEV :	0.0001	0.010	0.0017	0.0002	15.09	9.03
GEOM. MEAN :	0.0003	0.011	0.0011	0.0001	34.41	10.51
1ST QUARTILE :	0.0003	0.008	0.0005	0.0000	30.10	10.85
2ND QUARTILE :	0.0004	0.008	0.0009	0.0000	41.20	17.78
3RD QUARTILE :	0.0004	0.015	0.0024	0.0002	49.20	26.62
VOL. WGT. MEAN :	0.0003	0.010	0.0011	0.0001	40.84	11.22
MISSING VALUES :	0	1	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=PALMERSTON MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	112.0	2240	58.50	7.35	.	9.75
MINIMUM :	20.0	110	20.00	4.08	.	2.60
ARITH. MEAN :	56.8	971	33.15	5.73	.	5.10
ARITH. STD. DEV :	30.7	745	13.91	1.47	.	2.34
GEOM. MEAN :	49.2	706	30.85	5.56	.	4.69
1ST QUARTILE :	31.4	446	23.38	4.34	.	3.30
2ND QUARTILE :	53.6	592	24.75	5.40	.	4.50
3RD QUARTILE :	80.0	1627	43.63	7.32	.	6.30
VOL. WGT. MEAN :	.	1187	30.17	.	.	4.63
MISSING VALUES :	0.0	2	3	3	13	3

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.78	3.26	1.11	2.550	0.925	0.245	0.710
MINIMUM :	0.39	0.28	0.05	0.550	0.040	0.015	0.020
ARITH. MEAN :	0.88	1.43	0.40	1.331	0.372	0.101	0.222
ARITH. STD. DEV :	0.46	1.13	0.34	0.710	0.326	0.073	0.231
GEOM. MEAN :	0.79	1.03	0.27	1.162	0.240	0.077	0.123
1ST QUARTILE :	0.59	0.44	0.11	0.740	0.107	0.037	0.029
2ND QUARTILE :	0.67	0.90	0.35	1.150	0.240	0.095	0.182
3RD QUARTILE :	1.37	2.51	0.54	1.997	0.676	0.132	0.320
VOL. WGT. MEAN :	0.76	1.09	0.32	1.138	0.267	0.096	0.175
MISSING VALUES :	3	3	3	3	3	3	3

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=PALMERSTON MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	2.000	0.090	0.032	0.0018	0.054	0.927	0.025
MINIMUM :	0.190	0.003	0.001	0.0000	0.005	0.014	0.000
ARITH. MEAN :	0.987	0.030	0.010	0.0005	0.029	0.208	0.014
ARITH. STD. DEV :	0.589	0.026	0.010	0.0008	0.018	0.307	0.013
GEOM. MEAN :	0.812	0.020	0.006	0.0009	0.023	0.092	0.015
1ST QUARTILE :	0.499	0.013	0.003	0.0000	0.016	0.033	0.001
2ND QUARTILE :	0.805	0.022	0.007	0.0000	0.027	0.065	0.015
3RD QUARTILE :	1.587	0.042	0.015	0.0011	0.043	0.263	0.025
VOL. WGT. MEAN :	0.899	0.021	0.007	0.0005	0.031	0.118	0.013
MISSING VALUES :	3	3	3	3	6	5	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0009	0.769	0.0166	0.0016	111.00	83.18
MINIMUM :	0.0004	0.007	0.0007	0.0000	16.20	0.04
ARITH. MEAN :	0.0005	0.140	0.0066	0.0003	49.81	23.11
ARITH. STD. DEV :	0.0002	0.241	0.0067	0.0005	34.58	28.59
GEOM. MEAN :	0.0005	0.052	0.0036	0.0003	38.87	1.87
1ST QUARTILE :	0.0004	0.012	0.0009	0.0000	18.90	0.05
2ND QUARTILE :	0.0004	0.078	0.0048	0.0001	42.30	12.87
3RD QUARTILE :	0.0007	0.136	0.0132	0.0006	75.42	45.97
VOL. WGT. MEAN :	0.0005	0.089	0.0074	0.0003	58.29	.
MISSING VALUES :	3	4	8	3	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=PICKLE LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	86.0	2512	20.50	7.14	.	3.30
MINIMUM :	1.2	330	2.30	4.25	.	0.20
ARITH. MEAN :	33.8	1038	6.68	5.36	.	0.87
ARITH. STD. DEV :	26.9	709	5.09	0.84	.	0.90
GEOM. MEAN :	22.7	843	5.64	5.31	.	0.65
1ST QUARTILE :	14.0	426	4.00	4.87	.	0.44
2ND QUARTILE :	28.7	744	5.50	5.07	.	0.57
3RD QUARTILE :	39.4	1426	6.50	5.85	.	0.90
VOL. WGT. MEAN :	.	1458	4.93	.	.	0.63
MISSING VALUES :	0.0	0	1	1	11	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.47	1.06	0.33	0.680	0.165	0.085	0.335
MINIMUM :	0.09	0.02	0.02	0.070	0.005	0.000	0.010
ARITH. MEAN :	0.17	0.27	0.13	0.264	0.053	0.038	0.116
ARITH. STD. DEV :	0.11	0.32	0.09	0.198	0.057	0.035	0.101
GEOM. MEAN :	0.15	0.15	0.10	0.206	0.032	0.027	0.080
1ST QUARTILE :	0.11	0.07	0.06	0.110	0.014	0.005	0.044
2ND QUARTILE :	0.15	0.15	0.13	0.195	0.030	0.027	0.087
3RD QUARTILE :	0.18	0.34	0.17	0.387	0.079	0.076	0.176
VOL. WGT. MEAN :	0.12	0.16	0.08	0.201	0.035	0.031	0.075
MISSING VALUES :	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=PICKLE LAKE MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.290	0.028	0.012	0.0007	0.012	0.083	0.026
MINIMUM :	0.000	0.002	0.001	0.0000	0.003	0.006	0.000
ARITH. MEAN :	0.110	0.018	0.003	0.0002	0.007	0.034	0.007
ARITH. STD. DEV :	0.101	0.009	0.004	0.0003	0.004	0.028	0.010
GEOM. MEAN :	0.078	0.015	0.002	0.0004	0.006	0.025	0.004
1ST QUARTILE :	0.017	0.010	0.001	0.0000	0.003	0.011	0.001
2ND QUARTILE :	0.085	0.021	0.002	0.0002	0.004	0.029	0.003
3RD QUARTILE :	0.211	0.026	0.005	0.0006	0.012	0.053	0.013
VOL. WGT. MEAN :	0.113	0.015	0.002	0.0002	0.007	0.026	0.009
MISSING VALUES :	1	1	2	2	4	5	5

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0004	0.043	0.0022	0.0003	83.10	56.23
MINIMUM :	0.0001	0.007	0.0007	0.0000	16.00	0.07
ARITH. MEAN :	0.0003	0.019	0.0013	0.0001	32.24	11.83
ARITH. STD. DEV :	0.0002	0.013	0.0007	0.0001	19.51	16.35
GEOM. MEAN :	0.0002	0.016	0.0012	0.0001	28.57	4.34
1ST QUARTILE :	0.0001	0.008	0.0007	0.0000	18.90	1.73
2ND QUARTILE :	0.0004	0.016	0.0011	0.0001	29.45	8.41
3RD QUARTILE :	0.0004	0.027	0.0021	0.0001	35.10	13.49
VOL. WGT. MEAN :	0.0003	0.014	0.0012	0.0001	40.33	10.23
MISSING VALUES :	2	4	6	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=PORT STANLEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	108.0	2499	89.50	7.31	.	6.65
MINIMUM :	3.0	64	18.00	4.21	.	3.30
ARITH. MEAN :	51.3	1152	34.88	5.09	.	4.84
ARITH. STD. DEV :	30.3	637	19.09	1.20	.	1.33
GEOM. MEAN :	39.4	892	31.58	4.98	.	4.66
1ST QUARTILE :	23.9	551	22.63	4.29	.	3.37
2ND QUARTILE :	52.0	1230	32.75	4.47	.	5.32
3RD QUARTILE :	75.9	1456	38.38	6.37	.	6.11
VOL. WGT. MEAN :	.	1448	29.24	.	.	4.38
MISSING VALUES :	0.0	0	1	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.69	4.36	1.68	1.260	1.890	0.540	0.795
MINIMUM :	0.47	0.34	0.07	0.200	0.065	0.025	0.030
ARITH. MEAN :	0.89	1.51	0.47	0.757	0.423	0.127	0.222
ARITH. STD. DEV :	0.34	1.11	0.46	0.393	0.473	0.160	0.218
GEOM. MEAN :	0.83	1.19	0.32	0.644	0.284	0.076	0.148
1ST QUARTILE :	0.60	0.58	0.15	0.332	0.170	0.030	0.072
2ND QUARTILE :	0.88	1.34	0.31	0.750	0.305	0.065	0.165
3RD QUARTILE :	1.05	1.81	0.58	1.147	0.500	0.112	0.320
VOL. WGT. MEAN :	0.76	1.18	0.30	0.704	0.250	0.102	0.142
MISSING VALUES :	1	2	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=PORT STANLEY MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.160	0.102	0.019	0.0061	0.030	0.244	0.036
MINIMUM :	0.076	0.004	0.002	0.0000	0.004	0.018	0.000
ARITH. MEAN :	0.603	0.029	0.010	0.0008	0.013	0.084	0.012
ARITH. STD. DEV :	0.373	0.029	0.005	0.0017	0.008	0.072	0.021
GEOM. MEAN :	0.456	0.019	0.008	0.0006	0.011	0.062	0.036
1ST QUARTILE :	0.283	0.013	0.006	0.0000	0.006	0.036	0.000
2ND QUARTILE :	0.598	0.020	0.010	0.0002	0.011	0.048	0.000
3RD QUARTILE :	0.939	0.027	0.013	0.0010	0.018	0.158	0.036
VOL. WGT. MEAN :	0.566	0.030	0.009	0.0005	0.010	0.060	0.013
MISSING VALUES :	1	1	2	1	3	2	10

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0011	0.962	0.0033	0.0003	117.00	61.66
MINIMUM :	0.0001	0.009	0.0004	0.0000	0.00	0.05
ARITH. MEAN :	0.0005	0.116	0.0012	0.0001	57.09	30.44
ARITH. STD. DEV :	0.0003	0.268	0.0009	0.0001	35.11	23.64
GEOM. MEAN :	0.0004	0.039	0.0010	0.0001	52.51	8.05
1ST QUARTILE :	0.0004	0.014	0.0006	0.0000	20.90	3.55
2ND QUARTILE :	0.0004	0.031	0.0010	0.0000	63.80	34.03
3RD QUARTILE :	0.0006	0.065	0.0017	0.0001	82.25	50.99
VOL. WGT. MEAN :	0.0004	0.064	0.0010	0.0001	57.81	0.11
MISSING VALUES :	1	1	4	1	0	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=QUETICO CENTRE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	210.0	6600	26.50	5.65	.	3.20
MINIMUM :	15.1	165	3.00	4.46	.	0.00
ARITH. MEAN :	70.5	1765	11.28	4.95	.	1.17
ARITH. STD. DEV :	60.3	2017	6.44	0.44	.	0.94
GEOM. MEAN :	51.6	1004	9.61	4.94	.	1.08
1ST QUARTILE :	22.0	386	5.70	4.53	.	0.65
2ND QUARTILE :	57.5	1060	11.00	4.85	.	0.80
3RD QUARTILE :	77.9	1855	14.50	5.29	.	1.40
VOL. WGT. MEAN :	.	3299	8.12	.	.	0.93
MISSING VALUES :	0.0	0	0	0	11	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.72	0.74	0.28	0.860	0.125	0.139	0.310
MINIMUM :	0.02	0.06	0.00	0.120	0.005	0.000	0.010
ARITH. MEAN :	0.34	0.25	0.12	0.373	0.033	0.045	0.094
ARITH. STD. DEV :	0.19	0.25	0.07	0.241	0.036	0.047	0.082
GEOM. MEAN :	0.26	0.17	0.12	0.309	0.022	0.037	0.065
1ST QUARTILE :	0.21	0.10	0.09	0.200	0.010	0.010	0.030
2ND QUARTILE :	0.32	0.14	0.12	0.260	0.015	0.020	0.100
3RD QUARTILE :	0.45	0.26	0.15	0.590	0.045	0.095	0.115
VOL. WGT. MEAN :	0.23	0.21	0.10	0.339	0.029	0.066	0.066
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=QUETICO CENTRE MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.650	0.025	0.014	0.0004	0.012	0.051	0.012
MINIMUM :	0.022	0.006	0.001	0.0000	0.002	0.015	0.000
ARITH. MEAN :	0.257	0.013	0.004	0.0001	0.005	0.033	0.005
ARITH. STD. DEV :	0.202	0.006	0.004	0.0001	0.005	0.014	0.005
GEOM. MEAN :	0.173	0.011	0.003	0.0002	0.004	0.030	0.004
1ST QUARTILE :	0.078	0.007	0.001	0.0000	0.002	0.020	0.001
2ND QUARTILE :	0.222	0.012	0.003	0.0001	0.004	0.032	0.004
3RD QUARTILE :	0.380	0.017	0.005	0.0002	0.010	0.047	0.008
VOL. WGT. MEAN :	0.263	0.012	0.004	0.0001	0.007	0.037	0.004
MISSING VALUES :	0	0	0	0	7	5	5

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREER+ LAB UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0004	0.028	0.0014	0.0013	57.40	34.67
MINIMUM :	0.0001	0.007	0.0006	0.0000	20.50	2.24
ARITH. MEAN :	0.0003	0.017	0.0010	0.0002	39.72	16.27
ARITH. STD. DEV :	0.0001	0.008	0.0004	0.0004	15.04	12.47
GEOM. MEAN :	0.0003	0.015	0.0009	0.0002	36.99	11.13
1ST QUARTILE :	0.0001	0.009	0.0006	0.0000	24.20	5.13
2ND QUARTILE :	0.0004	0.015	0.0008	0.0001	39.60	14.13
3RD QUARTILE :	0.0004	0.025	0.0014	0.0002	55.80	29.51
VOL. WGT. MEAN :	0.0003	0.013	0.0009	0.0001	38.28	29.51
MISSING VALUES :	0	3	0	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=SHALLOW LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	140.0	4565	56.50	7.30	.	9.30
MINIMUM :	21.5	295	12.00	4.03	.	0.95
ARITH. MEAN :	82.4	2012	29.12	4.71	.	3.58
ARITH. STD. DEV :	38.9	1376	13.77	0.87	.	2.38
GEOM. MEAN :	72.2	1535	26.47	4.65	.	2.97
1ST QUARTILE :	44.3	759	20.00	4.32	.	1.97
2ND QUARTILE :	82.0	1925	24.50	4.42	.	2.50
3RD QUARTILE :	119.3	3154	37.50	4.60	.	5.40
VOL. WGT. MEAN :	.	2483	27.12	.	.	3.18
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.60	2.94	0.49	2.500	0.695	0.785	0.210
MINIMUM :	0.27	0.12	0.00	0.260	0.020	0.010	0.010
ARITH. MEAN :	0.70	0.77	0.21	0.763	0.166	0.125	0.089
ARITH. STD. DEV :	0.38	0.94	0.14	0.780	0.232	0.226	0.064
GEOM. MEAN :	0.61	0.44	0.19	0.534	0.081	0.040	0.062
1ST QUARTILE :	0.39	0.17	0.07	0.282	0.027	0.015	0.032
2ND QUARTILE :	0.67	0.52	0.23	0.400	0.070	0.025	0.095
3RD QUARTILE :	0.87	0.80	0.30	0.965	0.160	0.155	0.135
VOL. WGT. MEAN :	0.63	0.49	0.17	0.655	0.101	0.076	0.071
MISSING VALUES :	0	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=SHALLOW LAKE MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.700	0.165	0.023	0.0013	0.035	0.239	0.017
MINIMUM :	0.100	0.000	0.001	0.0000	0.003	0.004	0.000
ARITH. MEAN :	0.631	0.024	0.005	0.0002	0.013	0.062	0.010
ARITH. STD. DEV :	0.580	0.049	0.006	0.0004	0.014	0.077	0.007
GEOM. MEAN :	0.434	0.011	0.003	0.0003	0.008	0.031	0.011
1ST QUARTILE :	0.236	0.001	0.001	0.0000	0.004	0.013	0.004
2ND QUARTILE :	0.340	0.003	0.002	0.0000	0.005	0.037	0.010
3RD QUARTILE :	1.110	0.020	0.006	0.0002	0.028	0.095	0.016
VOL. WGT. MEAN :	0.525	0.021	0.004	0.0002	0.009	0.038	0.008
MISSING VALUES :	0	1	0	0	4	4	7

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0008	0.154	0.0067	0.0005	157.00	93.33
MINIMUM :	0.0000	0.006	0.0003	0.0000	24.50	0.05
ARITH. MEAN :	0.0004	0.029	0.0022	0.0001	71.07	37.90
ARITH. STD. DEV :	0.0002	0.041	0.0022	0.0002	32.50	24.63
GEOM. MEAN :	0.0004	0.017	0.0014	0.0001	64.62	19.64
1ST QUARTILE :	0.0004	0.007	0.0005	0.0000	59.10	25.15
2ND QUARTILE :	0.0004	0.015	0.0017	0.0000	65.10	38.02
3RD QUARTILE :	0.0004	0.029	0.0033	0.0001	79.65	47.88
VOL. WGT. MEAN :	0.0004	0.027	0.0015	0.0001	74.15	38.02
MISSING VALUES :	0	0	6	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=SMITHS FALLS MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	93.0	2289	47.50	7.12	.	5.35
MINIMUM :	11.0	232	10.00	4.21	.	1.45
ARITH. MEAN :	54.3	1187	26.59	4.97	.	2.98
ARITH. STD. DEV :	26.2	633	11.63	1.12	.	1.34
GEOM. MEAN :	47.3	1001	23.93	4.87	.	2.71
1ST QUARTILE :	33.0	755	13.00	4.26	.	1.80
2ND QUARTILE :	47.0	1214	29.00	4.42	.	2.80
3RD QUARTILE :	82.0	1627	33.50	5.39	.	3.95
VOL. WGT. MEAN :	.	1442	25.24	.	.	2.65
MISSING VALUES :	0.0	2	2	2	13	2

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.47	2.36	0.77	1.570	0.860	0.145	0.460
MINIMUM :	0.19	0.12	0.00	0.270	0.025	0.010	0.020
ARITH. MEAN :	0.67	0.73	0.25	0.610	0.231	0.049	0.140
ARITH. STD. DEV :	0.43	0.68	0.26	0.372	0.260	0.037	0.165
GEOM. MEAN :	0.55	0.51	0.19	0.534	0.134	0.040	0.071
1ST QUARTILE :	0.37	0.32	0.09	0.340	0.070	0.030	0.020
2ND QUARTILE :	0.57	0.46	0.14	0.570	0.110	0.040	0.050
3RD QUARTILE :	0.83	1.20	0.39	0.660	0.360	0.060	0.275
VOL. WGT. MEAN :	0.57	0.57	0.20	0.483	0.180	0.036	0.109
MISSING VALUES :	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=SMITHS FALLS MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES	13	13	13	13	13	13	13
MAXIMUM	0.700	0.020	0.026	0.0010	0.013	0.093	0.009
MINIMUM	0.150	0.000	0.001	0.0000	0.004	0.000	0.003
ARITH. MEAN	0.375	0.009	0.006	0.0003	0.007	0.043	0.006
ARITH. STD. DEV	0.176	0.007	0.007	0.0003	0.004	0.033	0.003
GEOM. MEAN	0.337	0.008	0.004	0.0005	0.007	0.040	0.005
1ST QUARTILE	0.206	0.004	0.001	0.0000	0.004	0.015	0.003
2ND QUARTILE	0.362	0.006	0.004	0.0002	0.007	0.037	0.005
3RD QUARTILE	0.526	0.015	0.006	0.0006	0.011	0.075	0.009
VOL. WGT. MEAN	0.327	0.007	0.004	0.0002	0.007	0.031	0.007
MISSING VALUES	2	2	2	2	8	5	10

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES	13	13	13	13	13	13.00
MAXIMUM	0.0011	0.058	0.0018	0.0029	97.70	61.66
MINIMUM	0.0001	0.007	0.0004	0.0000	13.80	0.08
ARITH. MEAN	0.0005	0.018	0.0009	0.0003	60.18	33.15
ARITH. STD. DEV	0.0003	0.018	0.0004	0.0009	31.67	23.99
GEOM. MEAN	0.0004	0.014	0.0008	0.0002	49.78	10.78
1ST QUARTILE	0.0004	0.009	0.0007	0.0000	25.20	4.07
2ND QUARTILE	0.0004	0.011	0.0008	0.0000	73.30	38.02
3RD QUARTILE	0.0004	0.025	0.0011	0.0001	88.40	54.95
VOL. WGT. MEAN	0.0004	0.013	0.0008	0.0002	62.17	15.49
MISSING VALUES	2	4	5	2	2	2.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=SUTTON MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	160.0	4640	71.50	7.74	.	5.10
MINIMUM :	5.0	316	10.00	4.05	.	0.95
ARITH. MEAN :	76.1	2208	30.50	4.60	.	2.84
ARITH. STD. DEV :	42.8	1335	14.84	0.97	.	1.26
GEOM. MEAN :	59.2	1787	27.72	4.53	.	2.57
1ST QUARTILE :	37.4	1065	22.25	4.12	.	1.90
2ND QUARTILE :	80.0	2169	26.00	4.35	.	2.45
3RD QUARTILE :	108.5	3238	37.50	4.57	.	4.02
VOL. WGT. MEAN :	.	2633	27.80	.	.	2.71
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.92	0.96	0.46	1.280	0.115	0.345	0.225
MINIMUM :	0.24	0.12	0.00	0.180	0.005	0.000	0.020
ARITH. MEAN :	0.54	0.29	0.18	0.454	0.036	0.047	0.083
ARITH. STD. DEV :	0.18	0.23	0.14	0.286	0.027	0.094	0.066
GEOM. MEAN :	0.51	0.24	0.16	0.399	0.029	0.024	0.059
1ST QUARTILE :	0.44	0.17	0.07	0.282	0.022	0.009	0.022
2ND QUARTILE :	0.52	0.22	0.15	0.420	0.030	0.025	0.080
3RD QUARTILE :	0.60	0.35	0.25	0.482	0.040	0.030	0.122
VOL. WGT. MEAN :	0.52	0.23	0.15	0.414	0.030	0.031	0.063
MISSING VALUES :	0	0	0	1	0	1	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=SUTTON MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.598	0.121	0.017	0.0025	0.018	0.140	0.046
MINIMUM :	0.120	0.000	0.001	0.0000	0.002	0.000	0.000
ARITH. MEAN :	0.333	0.015	0.004	0.0003	0.011	0.030	0.010
ARITH. STD. DEV :	0.140	0.034	0.004	0.0007	0.006	0.039	0.020
GEOM. MEAN :	0.302	0.010	0.003	0.0003	0.009	0.023	0.017
1ST QUARTILE :	0.230	0.001	0.002	0.0000	0.005	0.010	0.000
2ND QUARTILE :	0.353	0.006	0.002	0.0000	0.010	0.017	0.000
3RD QUARTILE :	0.395	0.012	0.004	0.0002	0.017	0.034	0.026
VOL. WGT. MEAN :	0.330	0.008	0.003	0.0004	0.009	0.023	0.018
MISSING VALUES :	1	1	0	0	6	2	8

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0035	0.094	0.0027	0.0002	116.00	89.13
MINIMUM :	0.0003	0.006	0.0004	0.0000	2.38	0.02
ARITH. MEAN :	0.0007	0.031	0.0010	0.0001	70.63	48.21
ARITH. STD. DEV :	0.0008	0.031	0.0008	0.0001	30.80	28.18
GEOM. MEAN :	0.0006	0.019	0.0008	0.0001	55.94	24.90
1ST QUARTILE :	0.0004	0.007	0.0004	0.0000	50.90	28.10
2ND QUARTILE :	0.0005	0.026	0.0009	0.0000	73.90	44.67
3RD QUARTILE :	0.0006	0.040	0.0015	0.0001	100.25	74.99
VOL. WGT. MEAN :	0.0006	0.024	0.0011	0.0001	76.62	37.15
MISSING VALUES :	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=TURKEY LAKES MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	242.0	6700	31.00	5.30	.	3.75
MINIMUM :	23.0	572	11.00	4.14	.	0.70
ARITH. MEAN :	110.6	2914	21.04	4.57	.	2.28
ARITH. STD. DEV :	58.9	1691	6.60	0.29	.	0.97
GEOM. MEAN :	95.6	2450	19.99	4.57	.	2.06
1ST QUARTILE :	71.1	1564	14.75	4.40	.	1.37
2ND QUARTILE :	106.5	2820	20.50	4.56	.	2.60
3RD QUARTILE :	132.5	3700	26.75	4.64	.	3.02
VOL. WGT. MEAN :	.	3733	21.35	.	.	2.13
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.83	0.90	0.20	1.180	0.150	0.135	0.115
MINIMUM :	0.28	0.06	0.00	0.240	0.000	0.005	0.015
ARITH. MEAN :	0.50	0.33	0.10	0.549	0.055	0.042	0.049
ARITH. STD. DEV :	0.17	0.27	0.06	0.284	0.047	0.039	0.033
GEOM. MEAN :	0.47	0.24	0.10	0.489	0.044	0.029	0.040
1ST QUARTILE :	0.33	0.14	0.05	0.345	0.017	0.020	0.022
2ND QUARTILE :	0.48	0.22	0.09	0.450	0.040	0.025	0.040
3RD QUARTILE :	0.64	0.51	0.14	0.755	0.067	0.060	0.075
VOL. WGT. MEAN :	0.44	0.26	0.08	0.453	0.040	0.032	0.040
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=TURKEY LAKES MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.930	0.048	0.018	0.0004	0.008	0.070	0.030
MINIMUM :	0.190	0.000	0.001	0.0000	0.002	0.000	0.000
ARITH. MEAN :	0.445	0.008	0.006	0.0001	0.005	0.027	0.018
ARITH. STD. DEV :	0.230	0.013	0.006	0.0001	0.002	0.022	0.012
GEOM. MEAN :	0.396	0.006	0.004	0.0002	0.004	0.024	0.021
1ST QUARTILE :	0.266	0.001	0.002	0.0000	0.003	0.012	0.007
2ND QUARTILE :	0.360	0.003	0.003	0.0000	0.005	0.020	0.019
3RD QUARTILE :	0.614	0.008	0.012	0.0002	0.007	0.045	0.029
VOL. WGT. MEAN :	0.379	0.006	0.005	0.0001	0.004	0.020	0.020
MISSING VALUES :	0	0	0	0	5	3	8

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.023	0.0023	0.0003	113.00	72.44
MINIMUM :	0.0001	0.005	0.0003	0.0000	33.50	5.01
ARITH. MEAN :	0.0003	0.012	0.0010	0.0001	58.58	31.40
ARITH. STD. DEV :	0.0001	0.007	0.0009	0.0001	19.74	16.81
GEOM. MEAN :	0.0003	0.011	0.0007	0.0001	56.02	26.73
1ST QUARTILE :	0.0003	0.007	0.0004	0.0000	49.45	22.90
2ND QUARTILE :	0.0004	0.008	0.0006	0.0000	53.90	27.54
3RD QUARTILE :	0.0004	0.020	0.0019	0.0001	64.70	40.07
VOL. WGT. MEAN :	0.0003	0.010	0.0006	0.0001	66.25	27.54
MISSING VALUES :	0	1	9	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=UXBRIDGE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	102.0	2332	36.00	6.03	.	3.95
MINIMUM :	10.0	334	16.00	4.26	.	1.55
ARITH. MEAN :	50.8	1453	21.88	4.74	.	2.74
ARITH. STD. DEV :	27.0	620	5.75	0.51	.	0.78
GEOM. MEAN :	43.1	1294	21.29	4.72	.	2.63
1ST QUARTILE :	30.6	932	18.13	4.39	.	2.00
2ND QUARTILE :	46.0	1589	20.00	4.62	.	2.70
3RD QUARTILE :	67.5	1934	25.50	4.81	.	3.60
VOL. WGT. MEAN :	.	1701	20.66	.	.	2.73
MISSING VALUES :	0.0	0	1	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.26	1.50	1.28	1.470	0.195	0.230	0.750
MINIMUM :	0.30	0.14	0.07	0.190	0.015	0.005	0.020
ARITH. MEAN :	0.59	0.67	0.37	0.608	0.084	0.048	0.193
ARITH. STD. DEV :	0.26	0.45	0.40	0.371	0.058	0.058	0.250
GEOM. MEAN :	0.55	0.54	0.23	0.517	0.067	0.031	0.078
1ST QUARTILE :	0.42	0.33	0.08	0.320	0.042	0.020	0.020
2ND QUARTILE :	0.48	0.52	0.18	0.490	0.055	0.030	0.045
3RD QUARTILE :	0.73	0.97	0.68	0.860	0.147	0.055	0.395
VOL. WGT. MEAN :	0.53	0.58	0.27	0.606	0.074	0.053	0.125
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=UXBRIDGE MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.200	0.089	0.048	0.0012	0.017	0.177	0.017
MINIMUM :	0.156	0.000	0.001	0.0000	0.003	0.024	0.000
ARITH. MEAN :	0.460	0.017	0.009	0.0002	0.009	0.053	0.008
ARITH. STD. DEV :	0.316	0.024	0.013	0.0003	0.005	0.044	0.006
GEOM. MEAN :	0.374	0.012	0.005	0.0003	0.008	0.044	0.010
1ST QUARTILE :	0.195	0.002	0.002	0.0000	0.004	0.025	0.001
2ND QUARTILE :	0.330	0.012	0.005	0.0000	0.007	0.042	0.008
3RD QUARTILE :	0.705	0.018	0.010	0.0002	0.014	0.048	0.013
VOL. WGT. MEAN :	0.477	0.019	0.008	0.0001	0.007	0.042	0.007
MISSING VALUES :	0	0	0	0	6	2	5

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0033	0.066	0.0040	0.0002	80.20	54.95
MINIMUM :	0.0002	0.007	0.0005	0.0000	26.40	0.93
ARITH. MEAN :	0.0006	0.020	0.0016	0.0001	51.45	26.19
ARITH. STD. DEV :	0.0008	0.018	0.0014	0.0001	15.70	16.22
GEOM. MEAN :	0.0005	0.015	0.0012	0.0001	49.11	18.10
1ST QUARTILE :	0.0004	0.008	0.0007	0.0000	40.15	16.30
2ND QUARTILE :	0.0004	0.013	0.0009	0.0000	49.90	23.99
3RD QUARTILE :	0.0004	0.024	0.0028	0.0001	63.90	40.30
VOL. WGT. MEAN :	0.0007	0.017	0.0017	0.0000	51.87	23.99
MISSING VALUES :	0	1	8	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=WATERLOO MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	139.0	3753	58.00	6.05	.	6.65
MINIMUM :	15.0	292	14.00	4.10	.	2.20
ARITH. MEAN :	63.7	1713	28.92	4.58	.	3.71
ARITH. STD. DEV :	41.9	1074	11.24	0.52	.	1.33
GEOM. MEAN :	50.3	1369	27.19	4.56	.	3.51
1ST QUARTILE :	24.6	774	21.50	4.24	.	2.47
2ND QUARTILE :	55.0	1439	27.00	4.47	.	3.75
3RD QUARTILE :	95.0	2507	35.25	4.74	.	4.20
VOL. WGT. MEAN :	.	2338	28.49	.	.	3.43
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.08	1.32	0.45	1.500	0.265	0.090	0.245
MINIMUM :	0.30	0.12	0.00	0.260	0.030	0.010	0.015
ARITH. MEAN :	0.64	0.65	0.24	0.777	0.128	0.050	0.098
ARITH. STD. DEV :	0.21	0.39	0.13	0.369	0.078	0.028	0.068
GEOM. MEAN :	0.61	0.53	0.24	0.697	0.105	0.041	0.075
1ST QUARTILE :	0.48	0.33	0.16	0.520	0.055	0.020	0.040
2ND QUARTILE :	0.64	0.62	0.21	0.590	0.140	0.055	0.080
3RD QUARTILE :	0.79	0.96	0.35	1.105	0.180	0.077	0.145
VOL. WGT. MEAN :	0.56	0.47	0.19	0.642	0.090	0.037	0.072
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=WATERLOO MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.260	0.034	0.015	0.0019	0.016	0.128	0.011
MINIMUM :	0.240	0.000	0.001	0.0000	0.003	0.000	0.000
ARITH. MEAN :	0.630	0.013	0.006	0.0004	0.009	0.045	0.005
ARITH. STD. DEV :	0.298	0.009	0.005	0.0005	0.005	0.038	0.004
GEOM. MEAN :	0.566	0.014	0.004	0.0005	0.008	0.037	0.005
1ST QUARTILE :	0.402	0.006	0.002	0.0000	0.004	0.016	0.002
2ND QUARTILE :	0.550	0.015	0.005	0.0001	0.012	0.039	0.004
3RD QUARTILE :	0.875	0.017	0.011	0.0005	0.013	0.067	0.008
VOL. WGT. MEAN :	0.545	0.011	0.004	0.0002	0.007	0.028	0.005
MISSING VALUES :	0	0	0	0	4	0	7

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0008	0.106	0.0021	0.0003	112.00	79.43
MINIMUM :	0.0000	0.006	0.0003	0.0000	22.10	0.89
ARITH. MEAN :	0.0004	0.027	0.0011	0.0001	65.02	37.79
ARITH. STD. DEV :	0.0002	0.027	0.0006	0.0001	25.39	24.56
GEOM. MEAN :	0.0004	0.020	0.0009	0.0001	59.95	26.02
1ST QUARTILE :	0.0003	0.009	0.0007	0.0000	46.60	18.09
2ND QUARTILE :	0.0004	0.024	0.0009	0.0000	61.20	33.88
3RD QUARTILE :	0.0004	0.028	0.0016	0.0001	84.75	57.93
VOL. WGT. MEAN :	0.0004	0.018	0.0009	0.0001	70.99	22.91
MISSING VALUES :	0	1	4	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=WHITNEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	97.0	2931	41.00	6.77	.	3.60
MINIMUM :	7.0	321	16.50	4.13	.	1.35
ARITH. MEAN :	59.2	1662	25.42	4.60	.	2.43
ARITH. STD. DEV :	27.2	765	7.38	0.71	.	0.71
GEOM. MEAN :	50.3	1457	24.54	4.56	.	2.33
1ST QUARTILE :	42.0	1120	20.50	4.27	.	1.60
2ND QUARTILE :	52.0	1641	24.50	4.36	.	2.60
3RD QUARTILE :	81.5	2234	27.25	4.49	.	2.90
VOL. WGT. MEAN :	.	1966	25.38	.	.	2.38
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.00	0.90	0.26	0.850	0.185	0.205	0.115
MINIMUM :	0.33	0.08	0.00	0.240	0.010	0.000	0.015
ARITH. MEAN :	0.55	0.28	0.13	0.418	0.044	0.041	0.057
ARITH. STD. DEV :	0.17	0.21	0.09	0.170	0.044	0.054	0.032
GEOM. MEAN :	0.53	0.24	0.16	0.392	0.034	0.028	0.048
1ST QUARTILE :	0.43	0.18	0.04	0.310	0.020	0.012	0.027
2ND QUARTILE :	0.52	0.20	0.15	0.350	0.035	0.025	0.065
3RD QUARTILE :	0.63	0.34	0.21	0.510	0.047	0.050	0.085
VOL. WGT. MEAN :	0.52	0.22	0.12	0.369	0.033	0.030	0.052
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=WHITNEY MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.480	0.027	0.011	0.0005	0.014	0.144	0.023
MINIMUM :	0.037	0.000	0.001	0.0000	0.002	0.011	0.000
ARITH. MEAN :	0.285	0.009	0.003	0.0001	0.006	0.045	0.006
ARITH. STD. DEV :	0.133	0.008	0.003	0.0001	0.005	0.044	0.010
GEOM. MEAN :	0.244	0.007	0.002	0.0002	0.005	0.031	0.005
1ST QUARTILE :	0.195	0.003	0.001	0.0000	0.002	0.017	0.000
2ND QUARTILE :	0.260	0.007	0.003	0.0000	0.004	0.027	0.002
3RD QUARTILE :	0.415	0.015	0.004	0.0002	0.011	0.064	0.013
VOL. WGT. MEAN :	0.274	0.008	0.002	0.0001	0.005	0.035	0.008
MISSING VALUES :	0	0	0	0	5	3	8

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.043	0.0014	0.0002	100.00	74.13
MINIMUM :	0.0001	0.007	0.0003	0.0000	22.00	0.17
ARITH. MEAN :	0.0004	0.017	0.0007	0.0001	66.51	40.45
ARITH. STD. DEV :	0.0001	0.011	0.0004	0.0001	22.53	20.54
GEOM. MEAN :	0.0003	0.014	0.0006	0.0001	61.79	25.16
1ST QUARTILE :	0.0004	0.008	0.0004	0.0000	53.10	32.36
2ND QUARTILE :	0.0004	0.013	0.0007	0.0000	71.30	43.65
3RD QUARTILE :	0.0004	0.022	0.0009	0.0001	80.55	53.09
VOL. WGT. MEAN :	0.0004	0.013	0.0006	0.0000	68.01	36.31
MISSING VALUES :	0	3	6	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=WILBERFORCE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	131.0	3822	68.00	5.32	.	8.20
MINIMUM :	3.3	82	4.50	3.97	.	0.30
ARITH. MEAN :	65.6	1598	31.35	4.29	.	3.04
ARITH. STD. DEV :	39.2	1056	15.71	0.33	.	1.88
GEOM. MEAN :	47.1	1113	27.04	4.28	.	2.48
1ST QUARTILE :	29.0	679	22.50	4.13	.	1.97
2ND QUARTILE :	69.0	1503	26.00	4.27	.	2.65
3RD QUARTILE :	96.0	2428	43.00	4.32	.	3.55
VOL. WGT. MEAN :	.	2127	29.65	.	.	2.86
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.47	1.06	0.35	0.910	0.250	0.100	0.190
MINIMUM :	0.26	0.04	0.00	0.130	0.005	0.010	0.010
ARITH. MEAN :	0.71	0.31	0.17	0.454	0.053	0.033	0.070
ARITH. STD. DEV :	0.35	0.27	0.11	0.238	0.063	0.024	0.060
GEOM. MEAN :	0.64	0.22	0.16	0.397	0.033	0.027	0.048
1ST QUARTILE :	0.49	0.09	0.09	0.260	0.012	0.017	0.025
2ND QUARTILE :	0.62	0.26	0.15	0.380	0.040	0.025	0.050
3RD QUARTILE :	0.91	0.43	0.27	0.682	0.065	0.045	0.110
VOL. WGT. MEAN :	0.62	0.26	0.16	0.418	0.044	0.027	0.069
MISSING VALUES :	1	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=WILBERFORCE MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.220	0.016	0.007	0.0009	0.012	0.084	0.008
MINIMUM :	0.012	0.000	0.001	0.0000	0.002	0.000	0.000
ARITH. MEAN :	0.428	0.005	0.003	0.0002	0.007	0.029	0.003
ARITH. STD. DEV :	0.305	0.005	0.002	0.0003	0.003	0.024	0.003
GEOM. MEAN :	0.306	0.006	0.002	0.0003	0.006	0.025	0.003
1ST QUARTILE :	0.251	0.000	0.001	0.0000	0.004	0.011	0.000
2ND QUARTILE :	0.360	0.004	0.002	0.0001	0.006	0.023	0.003
3RD QUARTILE :	0.573	0.009	0.004	0.0003	0.010	0.044	0.006
VOL. WGT. MEAN :	0.385	0.006	0.002	0.0002	0.006	0.021	0.002
MISSING VALUES :	0	1	1	1	7	3	6

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0008	0.030	0.0022	0.0012	152.00	107.15
MINIMUM :	0.0003	0.007	0.0003	0.0000	22.60	4.79
ARITH. MEAN :	0.0005	0.015	0.0010	0.0002	87.78	60.56
ARITH. STD. DEV :	0.0002	0.009	0.0007	0.0003	33.38	26.15
GEOM. MEAN :	0.0004	0.014	0.0008	0.0002	80.60	51.29
1ST QUARTILE :	0.0004	0.008	0.0004	0.0000	69.10	47.32
2ND QUARTILE :	0.0004	0.013	0.0009	0.0001	78.90	53.70
3RD QUARTILE :	0.0005	0.020	0.0015	0.0003	113.00	74.21
VOL. WGT. MEAN :	0.0005	0.014	0.0008	0.0001	85.42	50.12
MISSING VALUES :	1	3	5	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=WILKESPORT MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	113.0	2991	56.00	7.51	.	20.30
MINIMUM :	8.0	161	20.00	4.01	.	2.55
ARITH. MEAN :	40.0	1112	33.50	5.24	.	6.32
ARITH. STD. DEV :	29.3	773	11.02	1.21	.	5.28
GEOM. MEAN :	30.2	871	32.03	5.12	.	5.13
1ST QUARTILE :	11.8	517	26.13	4.26	.	3.35
2ND QUARTILE :	37.0	1126	29.00	4.62	.	4.15
3RD QUARTILE :	55.0	1425	39.88	6.32	.	5.80
VOL. WGT. MEAN :	.	1499	31.59	.	.	6.19
MISSING VALUES :	0.0	2	3	2	13	2

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.75	2.80	1.12	3.900	0.690	0.355	0.640
MINIMUM :	0.43	0.16	0.00	0.340	0.030	0.010	0.030
ARITH. MEAN :	0.95	1.26	0.55	1.041	0.257	0.082	0.252
ARITH. STD. DEV :	0.41	0.83	0.40	1.046	0.197	0.100	0.254
GEOM. MEAN :	0.87	0.94	0.49	0.799	0.180	0.054	0.140
1ST QUARTILE :	0.63	0.34	0.20	0.545	0.065	0.036	0.045
2ND QUARTILE :	0.91	1.34	0.49	0.675	0.250	0.050	0.155
3RD QUARTILE :	1.25	1.96	1.08	1.157	0.400	0.087	0.610
VOL. WGT. MEAN :	0.85	1.01	0.50	0.754	0.229	0.056	0.235
MISSING VALUES :	2	2	2	3	2	3	2

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
STATION=WILKESPORT MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	3.090	0.202	0.028	0.0121	0.083	0.373	0.042
MINIMUM :	0.330	0.000	0.002	0.0000	0.005	0.000	0.000
ARITH. MEAN :	0.877	0.030	0.009	0.0016	0.032	0.097	0.019
ARITH. STD. DEV :	0.821	0.061	0.008	0.0035	0.030	0.109	0.018
GEOM. MEAN :	0.687	0.017	0.006	0.0011	0.020	0.069	0.021
1ST QUARTILE :	0.415	0.002	0.002	0.0000	0.007	0.019	0.003
2ND QUARTILE :	0.656	0.011	0.007	0.0003	0.025	0.068	0.016
3RD QUARTILE :	1.015	0.023	0.012	0.0013	0.057	0.108	0.037
VOL. WGT. MEAN :	0.664	0.015	0.006	0.0007	0.027	0.063	0.019
MISSING VALUES :	3	3	2	2	6	2	9

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0013	0.121	0.0107	0.0010	130.00	97.72
MINIMUM :	0.0003	0.009	0.0008	0.0000	17.90	0.03
ARITH. MEAN :	0.0007	0.047	0.0036	0.0002	58.24	28.71
ARITH. STD. DEV :	0.0004	0.036	0.0041	0.0003	36.35	31.75
GEOM. MEAN :	0.0006	0.034	0.0021	0.0002	47.76	5.80
1ST QUARTILE :	0.0004	0.015	0.0009	0.0000	21.70	0.48
2ND QUARTILE :	0.0005	0.041	0.0014	0.0001	50.70	23.99
3RD QUARTILE :	0.0011	0.074	0.0075	0.0004	85.80	54.95
VOL. WGT. MEAN :	0.0006	0.036	0.0025	0.0002	64.52	.
MISSING VALUES :	2	2	7	2	2	2.00

PART IV

SUMMARY STATISTICS OF PRECIPITATION CONCENTRATION BY REGION

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=CE

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	63.0	63	63	63	63	63
MAXIMUM :	151.0	4545	68.00	6.36	.	11.90
MINIMUM :	3.3	0	4.50	3.97	.	0.30
ARITH. MEAN :	58.9	1570	27.82	4.48	.	2.95
ARITH. STD. DEV :	34.0	952	12.01	0.44	.	1.74
GEOM. MEAN :	46.3	1279	25.36	4.47	.	2.59
1ST QUARTILE :	35.0	853	20.00	4.26	.	1.95
2ND QUARTILE :	57.0	1495	25.00	4.35	.	2.62
3RD QUARTILE :	81.0	2279	32.50	4.59	.	3.55
VOL. WGT. MEAN :	.	2005	27.30	.	.	2.87
MISSING VALUES :	0.0	2	4	3	63	3

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	63	63	63	63	63	63	63
MAXIMUM :	1.88	3.26	1.28	2.040	0.380	0.370	0.750
MINIMUM :	0.24	0.04	0.00	0.130	0.005	0.000	0.000
ARITH. MEAN :	0.64	0.46	0.24	0.560	0.063	0.048	0.106
ARITH. STD. DEV :	0.32	0.49	0.23	0.381	0.063	0.064	0.143
GEOM. MEAN :	0.57	0.32	0.18	0.469	0.045	0.033	0.058
1ST QUARTILE :	0.43	0.18	0.08	0.310	0.025	0.020	0.020
2ND QUARTILE :	0.53	0.35	0.17	0.415	0.045	0.030	0.045
3RD QUARTILE :	0.75	0.55	0.28	0.725	0.065	0.045	0.135
VOL. WGT. MEAN :	0.58	0.38	0.21	0.534	0.053	0.045	0.084
MISSING VALUES :	4	3	3	5	3	3	3

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=CE

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	63	63	63	63	63	63	63
MAXIMUM :	2.660	0.208	0.048	0.0012	0.052	0.177	0.023
MINIMUM :	0.012	0.000	0.001	0.0000	0.001	0.000	0.000
ARITH. MEAN :	0.456	0.012	0.005	0.0002	0.009	0.036	0.006
ARITH. STD. DEV :	0.395	0.029	0.007	0.0002	0.010	0.029	0.006
GEOM. MEAN :	0.354	0.008	0.003	0.0003	0.006	0.029	0.005
1ST QUARTILE :	0.241	0.002	0.002	0.0000	0.003	0.020	0.001
2ND QUARTILE :	0.328	0.005	0.003	0.0001	0.006	0.027	0.004
3RD QUARTILE :	0.574	0.012	0.005	0.0003	0.011	0.045	0.008
VOL. WGT. MEAN :	0.430	0.013	0.004	0.0001	0.007	0.028	0.004
MISSING VALUES :	3	5	4	4	31	15	34

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	63	63	63	63	63	63.00
MAXIMUM :	0.0033	0.066	0.0106	0.0012	152.00	107.15
MINIMUM :	0.0001	0.006	0.0003	0.0000	22.60	0.44
ARITH. MEAN :	0.0005	0.019	0.0014	0.0001	70.61	43.48
ARITH. STD. DEV :	0.0004	0.013	0.0018	0.0002	26.73	23.78
GEOM. MEAN :	0.0004	0.015	0.0009	0.0001	65.55	32.78
1ST QUARTILE :	0.0004	0.008	0.0005	0.0000	52.82	25.89
2ND QUARTILE :	0.0004	0.015	0.0010	0.0000	69.55	44.16
3RD QUARTILE :	0.0004	0.023	0.0015	0.0002	83.50	54.95
VOL. WGT. MEAN :	0.0005	0.016	0.0014	0.0001	72.54	23.99
MISSING VALUES :	4	13	30	4	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=NE

	EQOIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	120.0	120	120	120	120	120
MAXIMUM :	242.0	6700	67.50	7.82	.	8.80
MINIMUM :	5.0	52	4.00	4.06	.	0.35
ARITH. MEAN :	72.0	1728	23.88	4.65	.	2.33
ARITH. STD. DEV :	40.0	1165	11.25	0.72	.	1.34
GEOM. MEAN :	60.2	1332	21.30	4.60	.	1.98
1ST QUARTILE :	43.3	814	15.50	4.28	.	1.36
2ND QUARTILE :	69.6	1625	23.00	4.45	.	2.20
3RD QUARTILE :	95.8	2436	29.00	4.65	.	3.00
VOL. WGT. MEAN :	.	2301	23.59	.	.	2.25
MISSING VALUES :	0.0	0	0	0	120	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	120	120	120	120	120	120	120
MAXIMUM :	1.22	3.82	2.54	7.800	0.630	5.160	1.590
MINIMUM :	0.01	0.00	0.00	0.070	0.000	0.000	0.000
ARITH. MEAN :	0.50	0.30	0.19	0.647	0.057	0.115	0.090
ARITH. STD. DEV :	0.24	0.45	0.34	1.019	0.092	0.489	0.198
GEOM. MEAN :	0.43	0.20	0.13	0.429	0.036	0.033	0.049
1ST QUARTILE :	0.32	0.12	0.07	0.260	0.020	0.010	0.025
2ND QUARTILE :	0.46	0.18	0.11	0.400	0.035	0.025	0.045
3RD QUARTILE :	0.64	0.30	0.18	0.620	0.055	0.055	0.078
VOL. WGT. MEAN :	0.46	0.25	0.19	0.584	0.048	0.099	0.088
MISSING VALUES :	0	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=NE

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	120	120	120	120	120	120	120
MAXIMUM :	4.530	0.508	0.018	0.1616	0.110	0.266	0.048
MINIMUM :	0.036	0.000	0.001	0.0000	0.002	0.000	0.000
ARITH. MEAN :	0.427	0.024	0.004	0.0018	0.008	0.036	0.011
ARITH. STD. DEV :	0.573	0.071	0.004	0.0149	0.013	0.042	0.013
GEOM. MEAN :	0.294	0.009	0.002	0.0004	0.006	0.027	0.013
1ST QUARTILE :	0.182	0.002	0.001	0.0000	0.004	0.014	0.000
2ND QUARTILE :	0.306	0.004	0.002	0.0000	0.006	0.022	0.006
3RD QUARTILE :	0.454	0.015	0.004	0.0002	0.009	0.041	0.019
VOL. WGT. MEAN :	0.373	0.017	0.003	0.0005	0.008	0.027	0.010
MISSING VALUES :	0	1	2	2	39	28	82

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	120	120	120	120	120	120.00
MAXIMUM :	0.0009	0.105	0.0195	0.0024	113.00	87.10
MINIMUM :	0.0000	0.005	0.0003	0.0000	3.70	0.02
ARITH. MEAN :	0.0003	0.015	0.0019	0.0002	63.73	36.52
ARITH. STD. DEV :	0.0001	0.013	0.0028	0.0004	23.78	20.22
GEOM. MEAN :	0.0003	0.012	0.0012	0.0001	58.15	22.47
1ST QUARTILE :	0.0004	0.008	0.0007	0.0000	47.62	22.39
2ND QUARTILE :	0.0004	0.011	0.0011	0.0000	63.80	35.48
3RD QUARTILE :	0.0004	0.019	0.0022	0.0002	81.95	52.48
VOL. WGT. MEAN :	0.0003	0.013	0.0018	0.0001	65.74	11.22
MISSING VALUES :	2	24	62	2	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=NW

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	81.0	81	81	81	81	81
MAXIMUM :	215.0	6600	75.00	7.63	.	6.25
MINIMUM :	1.2	30	2.30	4.25	.	0.00
ARITH. MEAN :	60.0	1479	10.67	5.35	.	1.24
ARITH. STD. DEV :	51.4	1500	9.06	0.79	.	0.95
GEOM. MEAN :	40.8	957	8.89	5.30	.	1.06
1ST QUARTILE :	27.7	539	6.00	4.71	.	0.70
2ND QUARTILE :	40.0	920	8.50	5.13	.	1.00
3RD QUARTILE :	79.4	1797	12.88	5.66	.	1.50
VOL. WGT. MEAN :	.	2661	8.53	.	.	1.08
MISSING VALUES :	0.0	1	5	5	81	5

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	81	81	81	81	81	81	81
MAXIMUM :	1.13	2.12	0.83	1.820	0.380	0.340	0.465
MINIMUM :	0.00	0.02	0.00	0.070	0.005	0.000	0.010
ARITH. MEAN :	0.29	0.28	0.12	0.421	0.049	0.044	0.096
ARITH. STD. DEV :	0.17	0.31	0.10	0.282	0.058	0.053	0.080
GEOM. MEAN :	0.25	0.19	0.10	0.348	0.032	0.032	0.071
1ST QUARTILE :	0.18	0.11	0.07	0.220	0.017	0.010	0.040
2ND QUARTILE :	0.27	0.18	0.11	0.350	0.030	0.027	0.075
3RD QUARTILE :	0.40	0.28	0.15	0.580	0.052	0.065	0.127
VOL. WGT. MEAN :	0.24	0.22	0.12	0.419	0.038	0.052	0.069
MISSING VALUES :	5	4	5	6	4	5	4

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
REGION=NW

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	81	81	81	81	81	81	81
MAXIMUM :	1.140	0.130	0.017	0.0016	0.015	0.317	3.508
MINIMUM :	0.000	0.000	0.001	0.0000	0.002	0.000	0.000
ARITH. MEAN :	0.265	0.018	0.004	0.0002	0.006	0.036	0.096
ARITH. STD. DEV :	0.210	0.018	0.004	0.0003	0.003	0.047	0.561
GEOM. MEAN :	0.202	0.014	0.003	0.0003	0.005	0.029	0.005
1ST QUARTILE :	0.120	0.008	0.001	0.0000	0.003	0.013	0.001
2ND QUARTILE :	0.226	0.013	0.002	0.0000	0.004	0.024	0.003
3RD QUARTILE :	0.351	0.025	0.004	0.0002	0.007	0.045	0.009
VOL. WGT. MEAN :	0.294	0.017	0.003	0.0001	0.006	0.034	0.062
MISSING VALUES :	4	6	5	5	44	30	42

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	81	81	81	81	81	81.00
MAXIMUM :	0.0012	0.105	0.1779	0.0013	83.10	56.23
MINIMUM :	0.0000	0.006	0.0004	0.0000	16.00	0.02
ARITH. MEAN :	0.0003	0.020	0.0080	0.0001	33.65	11.56
ARITH. STD. DEV :	0.0002	0.018	0.0340	0.0002	15.22	12.58
GEOM. MEAN :	0.0003	0.015	0.0014	0.0002	30.76	4.45
1ST QUARTILE :	0.0003	0.009	0.0007	0.0000	21.87	2.19
2ND QUARTILE :	0.0004	0.013	0.0011	0.0000	28.35	7.33
3RD QUARTILE :	0.0004	0.026	0.0019	0.0001	42.10	19.50
VOL. WGT. MEAN :	0.0003	0.017	0.0063	0.0001	32.23	33.11
MISSING VALUES :	5	20	54	5	5	5.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=SE

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	50.0	50	50	50	50	50
MAXIMUM :	109.0	3088	66.00	7.23	.	6.20
MINIMUM :	1.3	0	6.00	4.02	.	0.85
ARITH. MEAN :	53.3	1336	29.26	4.69	.	2.94
ARITH. STD. DEV :	26.2	763	12.45	0.88	.	1.39
GEOM. MEAN :	44.0	1150	26.42	4.63	.	2.63
1ST QUARTILE :	32.8	832	20.63	4.25	.	1.86
2ND QUARTILE :	51.5	1214	29.25	4.32	.	2.55
3RD QUARTILE :	73.8	1910	36.00	4.66	.	3.67
VOL. WGT. MEAN :	.	1622	27.66	.	.	2.80
MISSING VALUES :	0.0	5	6	6	50	6

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	50	50	50	50	50	50	50
MAXIMUM :	1.99	4.60	2.52	1.950	0.860	0.385	1.700
MINIMUM :	0.00	0.08	0.00	0.150	0.015	0.010	0.015
ARITH. MEAN :	0.68	0.62	0.30	0.611	0.112	0.063	0.173
ARITH. STD. DEV :	0.43	0.79	0.44	0.424	0.160	0.073	0.307
GEOM. MEAN :	0.60	0.39	0.18	0.506	0.063	0.043	0.082
1ST QUARTILE :	0.39	0.18	0.10	0.340	0.030	0.025	0.031
2ND QUARTILE :	0.56	0.36	0.15	0.475	0.055	0.037	0.065
3RD QUARTILE :	0.80	0.69	0.38	0.660	0.109	0.071	0.194
VOL. WGT. MEAN :	0.59	0.49	0.23	0.570	0.090	0.065	0.122
MISSING VALUES :	6	6	6	6	6	6	6

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=SE

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	50	50	50	50	50	50	50
MAXIMUM :	1.660	0.147	0.026	0.0620	0.039	0.160	0.021
MINIMUM :	0.000	0.000	0.001	0.0000	0.003	0.000	0.000
ARITH. MEAN :	0.419	0.019	0.006	0.0019	0.010	0.036	0.007
ARITH. STD. DEV :	0.311	0.034	0.006	0.0093	0.009	0.038	0.007
GEOM. MEAN :	0.348	0.009	0.004	0.0006	0.008	0.032	0.006
1ST QUARTILE :	0.221	0.004	0.003	0.0000	0.005	0.014	0.003
2ND QUARTILE :	0.353	0.007	0.004	0.0003	0.007	0.024	0.005
3RD QUARTILE :	0.546	0.014	0.006	0.0006	0.010	0.051	0.014
VOL. WGT. MEAN :	0.386	0.018	0.005	0.0011	0.010	0.024	0.008
MISSING VALUES :	6	6	6	6	22	14	39

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	50	50	50	50	50	50.00
MAXIMUM :	0.0011	0.071	0.0055	0.0029	132.00	95.50
MINIMUM :	0.0000	0.007	0.0003	0.0000	13.80	0.06
ARITH. MEAN :	0.0004	0.021	0.0011	0.0002	69.08	41.19
ARITH. STD. DEV :	0.0002	0.017	0.0010	0.0004	30.81	24.20
GEOM. MEAN :	0.0004	0.017	0.0009	0.0001	60.24	20.28
1ST QUARTILE :	0.0004	0.009	0.0005	0.0000	42.77	21.74
2ND QUARTILE :	0.0004	0.013	0.0009	0.0000	75.20	47.32
3RD QUARTILE :	0.0005	0.028	0.0012	0.0001	89.90	55.91
VOL. WGT. MEAN :	0.0004	0.016	0.0010	0.0001	68.98	47.86
MISSING VALUES :	6	13	24	6	6	6.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
REGION=SW

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	104.0	104	104	104	104	104
MAXIMUM :	140.0	4565	91.00	7.71	.	20.30
MINIMUM :	3.0	64	12.00	3.83	.	0.95
ARITH. MEAN :	54.0	1358	31.84	5.00	.	4.66
ARITH. STD. DEV :	34.5	944	13.85	1.10	.	3.01
GEOM. MEAN :	41.9	1013	29.47	4.90	.	4.05
1ST QUARTILE :	23.0	535	22.50	4.30	.	2.77
2ND QUARTILE :	49.5	1231	28.00	4.50	.	4.00
3RD QUARTILE :	77.0	1935	37.00	4.99	.	5.55
VOL. WGT. MEAN :	.	1829	29.27	.	.	4.25
MISSING VALUES :	0.0	6	10	8	104	8

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	104	104	104	104	104	104	104
MAXIMUM :	1.78	4.36	3.65	3.900	1.890	0.920	2.030
MINIMUM :	0.15	0.12	0.00	0.200	0.020	0.000	0.010
ARITH. MEAN :	0.79	1.04	0.41	0.893	0.256	0.105	0.185
ARITH. STD. DEV :	0.38	0.86	0.50	0.640	0.313	0.149	0.262
GEOM. MEAN :	0.71	0.74	0.30	0.728	0.154	0.060	0.105
1ST QUARTILE :	0.50	0.34	0.16	0.470	0.065	0.029	0.045
2ND QUARTILE :	0.69	0.79	0.27	0.700	0.150	0.055	0.095
3RD QUARTILE :	0.93	1.44	0.45	1.132	0.282	0.110	0.202
VOL. WGT. MEAN :	0.69	0.76	0.31	0.730	0.187	0.083	0.130
MISSING VALUES :	8	10	7	12	7	10	7

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
REGION=SW

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	104	104	104	104	104	104	104
MAXIMUM :	3.090	0.202	0.032	0.0121	0.083	0.927	0.042
MINIMUM :	0.076	0.000	0.001	0.0000	0.003	0.000	0.000
ARITH. MEAN :	0.712	0.024	0.007	0.0006	0.017	0.084	0.010
ARITH. STD. DEV :	0.534	0.036	0.007	0.0015	0.015	0.123	0.012
GEOM. MEAN :	0.555	0.015	0.005	0.0006	0.012	0.050	0.010
1ST QUARTILE :	0.339	0.004	0.002	0.0000	0.006	0.023	0.000
2ND QUARTILE :	0.568	0.015	0.005	0.0001	0.013	0.042	0.006
3RD QUARTILE :	0.936	0.023	0.010	0.0006	0.023	0.104	0.016
VOL. WGT. MEAN :	0.611	0.019	0.005	0.0004	0.013	0.057	0.010
MISSING VALUES :	10	11	10	9	38	19	68

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	104	104	104	104	104	104.00
MAXIMUM :	0.0013	0.962	0.0166	0.0016	197.00	147.91
MINIMUM :	0.0000	0.006	0.0003	0.0000	0.00	0.02
ARITH. MEAN :	0.0005	0.056	0.0025	0.0001	63.56	34.05
ARITH. STD. DEV :	0.0002	0.130	0.0032	0.0003	34.85	29.07
GEOM. MEAN :	0.0004	0.027	0.0015	0.0002	54.47	9.99
1ST QUARTILE :	0.0004	0.010	0.0008	0.0000	37.90	10.20
2ND QUARTILE :	0.0004	0.026	0.0012	0.0000	63.30	31.26
3RD QUARTILE :	0.0005	0.061	0.0025	0.0002	84.10	49.83
VOL. WGT. MEAN :	0.0004	0.037	0.0023	0.0001	68.67	22.91
MISSING VALUES :	9	17	48	9	7	8.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION
REGION=Z

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	160.0	4640	71.50	7.74	.	5.10
MINIMUM :	5.0	316	10.00	4.05	.	0.95
ARITH. MEAN :	76.1	2208	30.50	4.60	.	2.84
ARITH. STD. DEV :	42.8	1335	14.84	0.97	.	1.26
GEOM. MEAN :	59.2	1787	27.72	4.53	.	2.57
1ST QUARTILE :	37.4	1065	22.25	4.12	.	1.90
2ND QUARTILE :	80.0	2169	26.00	4.35	.	2.45
3RD QUARTILE :	108.5	3238	37.50	4.57	.	4.02
VOL. WGT. MEAN :	.	2633	27.80	.	.	2.71
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.92	0.96	0.46	1.280	0.115	0.345	0.225
MINIMUM :	0.24	0.12	0.00	0.180	0.005	0.000	0.020
ARITH. MEAN :	0.54	0.29	0.18	0.454	0.036	0.047	0.083
ARITH. STD. DEV :	0.18	0.23	0.14	0.286	0.027	0.094	0.066
GEOM. MEAN :	0.51	0.24	0.16	0.399	0.029	0.024	0.059
1ST QUARTILE :	0.44	0.17	0.07	0.282	0.022	0.009	0.022
2ND QUARTILE :	0.52	0.22	0.15	0.420	0.030	0.025	0.080
3RD QUARTILE :	0.60	0.35	0.25	0.482	0.040	0.030	0.122
VOL. WGT. MEAN :	0.52	0.23	0.15	0.414	0.030	0.031	0.063
MISSING VALUES :	0	0	0	1	0	1	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=Z

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.598	0.121	0.017	0.0025	0.018	0.140	0.046
MINIMUM :	0.120	0.000	0.001	0.0000	0.002	0.000	0.000
ARITH. MEAN :	0.333	0.015	0.004	0.0003	0.011	0.030	0.010
ARITH. STD. DEV :	0.140	0.034	0.004	0.0007	0.006	0.039	0.020
GEOM. MEAN :	0.302	0.010	0.003	0.0003	0.009	0.023	0.017
1ST QUARTILE :	0.230	0.001	0.002	0.0000	0.005	0.010	0.000
2ND QUARTILE :	0.353	0.006	0.002	0.0000	0.010	0.017	0.000
3RD QUARTILE :	0.395	0.012	0.004	0.0002	0.017	0.034	0.026
VOL. WGT. MEAN :	0.330	0.008	0.003	0.0004	0.009	0.023	0.018
MISSING VALUES :	1	1	0	0	6	2	8

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0035	0.094	0.0027	0.0002	116.00	89.13
MINIMUM :	0.0003	0.006	0.0004	0.0000	2.38	0.02
ARITH. MEAN :	0.0007	0.031	0.0010	0.0001	70.63	48.21
ARITH. STD. DEV :	0.0008	0.031	0.0008	0.0001	30.80	28.18
GEOM. MEAN :	0.0006	0.019	0.0008	0.0001	55.94	24.90
1ST QUARTILE :	0.0004	0.007	0.0004	0.0000	50.90	28.10
2ND QUARTILE :	0.0005	0.026	0.0009	0.0000	73.90	44.67
3RD QUARTILE :	0.0006	0.040	0.0015	0.0001	100.25	74.99
VOL. WGT. MEAN :	0.0006	0.024	0.0011	0.0001	76.62	37.15
MISSING VALUES :	0	2	5	0	0	0.00

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PART V

SUMMARY STATISTICS OF WET DEPOSITION BY STATION

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=ALVINSTON MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES	13.0	13	13	13	13	13	13
MAXIMUM	117.0	1528.80	134.94	129.20	179.40	70.200	145.080
MINIMUM	4.0	53.46	14.06	15.98	4.55	7.722	2.277
ARITH. MEAN	52.1	323.99	45.85	54.08	30.57	42.854	22.342
ARITH. STD. DEV	32.9	397.75	33.09	35.14	47.64	19.864	39.634
GEOM. MEAN	39.5	216.20	37.22	43.87	17.65	36.790	10.489
1ST QUARTILE	20.4	136.29	17.91	21.90	8.45	23.580	4.819
2ND QUARTILE	45.0	200.75	42.28	62.03	21.77	44.460	12.477
3RD QUARTILE	75.5	372.76	54.88	72.54	25.89	61.190	15.914
VOL. WGT. MEAN	.	300.84	42.57	52.06	28.38	41.252	20.746
MISSING VALUES	0.0	1	1	2	1	2	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	24.700	40.560	184.860	2.263	0.988	0.4368	2.384	35.824
MINIMUM	0.297	1.584	5.742	0.000	0.059	0.0000	0.314	0.580
ARITH. MEAN	6.805	9.840	44.533	0.916	0.369	0.0489	0.814	5.330
ARITH. STD. DEV	7.225	10.841	49.730	0.730	0.301	0.1233	0.637	9.826
GEOM. MEAN	3.726	6.329	29.296	0.810	0.258	0.0305	0.666	2.518
1ST QUARTILE	1.749	2.959	16.992	0.414	0.112	0.0000	0.369	1.348
2ND QUARTILE	4.785	6.822	31.350	0.675	0.276	0.0093	0.735	2.057
3RD QUARTILE	10.025	12.909	52.360	1.418	0.550	0.0385	0.931	4.626
VOL. WGT. MEAN	6.442	9.137	40.618	0.882	0.342	0.0454	0.674	4.949
MISSING VALUES	3	1	2	2	1	1	4	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES	13	13	13	13	13	13	13.00
MAXIMUM	1.243	0.0550	7.617	0.6670	0.0532	10015.2	7644
MINIMUM	0.000	0.0076	0.357	0.0214	0.0000	493.74	1.52
ARITH. MEAN	0.446	0.0254	2.172	0.1889	0.0078	3362.49	1762.9
ARITH. STD. DEV	0.548	0.0160	2.155	0.2428	0.0153	3389.53	2707.3
GEOM. MEAN	0.443	0.0211	1.451	0.0981	0.0072	2209.62	172.12
1ST QUARTILE	0.053	0.0138	0.500	0.0242	0.0000	1033.05	5.69
2ND QUARTILE	0.271	0.0209	1.584	0.1139	0.0002	2095.50	548.92
3RD QUARTILE	1.015	0.0365	3.014	0.3106	0.0111	5669.69	3010.6
VOL. WGT. MEAN	0.395	0.0235	1.928	0.1706	0.0072	3122.26	1062.7
MISSING VALUES	9	1	3	7	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=AZURE LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	119.0	214.00	44.54	12.30	33.17	93.480	3.895
MINIMUM :	41.0	24.50	12.71	2.20	0.00	5.754	0.550
ARITH. MEAN :	68.6	115.76	27.47	8.70	8.98	31.564	1.688
ARITH. STD. DEV :	26.1	68.07	9.98	3.32	8.87	25.286	1.063
GEOM. MEAN :	64.5	91.59	25.83	7.82	7.82	24.313	1.431
1ST QUARTILE :	49.0	34.93	18.88	7.08	4.80	16.660	0.856
2ND QUARTILE :	59.0	99.92	27.00	9.52	5.75	22.840	1.233
3RD QUARTILE :	85.0	178.50	32.40	11.34	9.72	41.310	2.380
VOL. WGT. MEAN :	.	115.76	27.47	8.70	8.98	31.564	1.688
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	33.210	24.610	51.250	11.890	0.300	0.4920	3.036	15.636
MINIMUM :	0.000	1.100	3.400	0.000	0.041	0.0000	0.152	0.286
ARITH. MEAN :	4.579	5.119	18.539	2.349	0.133	0.0599	0.864	3.272
ARITH. STD. DEV :	9.729	7.275	13.462	4.452	0.082	0.1466	1.089	5.527
GEOM. MEAN :	1.519	2.844	14.218	0.883	0.113	0.0341	0.518	1.389
1ST QUARTILE :	0.285	1.200	8.250	0.000	0.072	0.0000	0.204	0.725
2ND QUARTILE :	1.770	2.050	17.130	0.275	0.114	0.0082	0.487	0.795
3RD QUARTILE :	2.835	4.410	22.610	1.284	0.214	0.0335	1.358	3.004
VOL. WGT. MEAN :	4.579	5.119	18.539	2.349	0.133	0.0599	0.830	4.004
MISSING VALUES :	0	0	0	0	0	0	5	4

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	1.161	0.0476	3.229	0.5403	0.0802	8495.80	5121.3
MINIMUM :	0.000	0.0055	0.463	0.0208	0.0000	1012.70	4.39
ARITH. MEAN :	0.422	0.0221	1.300	0.1561	0.0148	4047.38	2307.2
ARITH. STD. DEV :	0.643	0.0117	1.087	0.1804	0.0248	2038.29	1405.8
GEOM. MEAN :	0.347	0.0189	0.983	0.0902	0.0106	3548.24	1292.5
1ST QUARTILE :	0.000	0.0164	0.481	0.0223	0.0000	2622.18	1320.8
2ND QUARTILE :	0.104	0.0228	0.769	0.1276	0.0049	4416.00	1974.9
3RD QUARTILE :	1.161	0.0278	2.396	0.1872	0.0263	5224.65	3299.8
VOL. WGT. MEAN :	0.611	0.0221	1.175	0.1710	0.0148	4047.38	1175.9
MISSING VALUES :	8	0	3	4	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=BEAR ISLAND MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	8.0	8	8	8	8	8	8
MAXIMUM :	110.0	551.20	59.75	294.14	269.24	826.800	48.510
MINIMUM :	21.2	50.88	1.03	6.36	3.90	13.356	0.954
ARITH. MEAN :	74.3	251.95	34.07	56.75	60.95	148.116	13.865
ARITH. STD. DEV :	33.6	165.02	20.55	98.61	96.96	279.294	20.688
GEOM. MEAN :	65.0	203.02	22.64	22.91	21.66	54.194	5.037
1ST QUARTILE :	40.0	132.48	18.32	8.58	8.00	26.978	1.970
2ND QUARTILE :	77.3	205.97	35.90	15.38	15.36	35.875	3.200
3RD QUARTILE :	105.3	387.91	52.74	64.39	115.75	144.182	35.820
VOL. WGT. MEAN :	.	251.95	34.07	56.75	60.95	148.116	13.865
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	8	8	8	8	8	8	8	8
MAXIMUM :	397.320	168.540	127.200	21.945	1.232	0.2862	11.622	2.100
MINIMUM :	1.552	1.500	8.480	0.000	0.064	0.0000	0.148	0.580
ARITH. MEAN :	62.340	25.511	46.371	3.778	0.349	0.0558	2.050	1.594
ARITH. STD. DEV :	137.356	57.899	39.887	7.453	0.396	0.0958	4.234	0.518
GEOM. MEAN :	9.929	6.341	33.864	1.170	0.217	0.0548	0.590	1.490
1ST QUARTILE :	2.409	2.262	19.607	0.122	0.107	0.0000	0.174	1.398
2ND QUARTILE :	5.300	4.256	30.340	0.850	0.148	0.0300	0.374	1.621
3RD QUARTILE :	56.612	10.366	74.305	3.315	0.515	0.0528	1.135	2.020
VOL. WGT. MEAN :	62.340	25.511	46.371	3.778	0.349	0.0558	1.860	1.604
MISSING VALUES :	0	0	0	0	0	0	1	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	8	8	8	8	8	8	8.00
MAXIMUM :	0.121	0.0440	3.115	2.0641	0.1166	10609	6498.9
MINIMUM :	0.000	0.0085	0.292	0.0297	0.0000	1224.30	1.76
ARITH. MEAN :	0.061	0.0259	1.130	0.4645	0.0311	4959.85	2851.2
ARITH. STD. DEV :	0.086	0.0135	1.047	0.8945	0.0399	3532.60	2551.2
GEOM. MEAN :	0.121	0.0224	0.834	0.1212	0.0385	3860.05	633.59
1ST QUARTILE :	0.000	0.0123	0.463	0.0459	0.0000	2000.25	288.63
2ND QUARTILE :	0.061	0.0288	0.702	0.0747	0.0186	3666.00	2352.7
3RD QUARTILE :	0.121	0.0387	1.868	1.0779	0.0489	8488.62	5572.9
VOL. WGT. MEAN :	0.069	0.0259	1.017	0.4053	0.0311	4959.85	13.97
MISSING VALUES :	6	0	2	3	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=CAMPBELLFORD MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES	11.0	11	11	11	11	11	11
MAXIMUM	94.0	416.50	65.80	114.10	29.25	59.040	13.300
MINIMUM	6.0	48.95	15.51	12.32	6.38	10.340	1.375
ARITH. MEAN	45.5	176.19	37.10	34.66	14.82	28.400	3.906
ARITH. STD. DEV	26.6	112.55	16.93	33.80	8.15	14.799	3.894
GEOM. MEAN	35.9	146.99	33.39	26.12	12.92	25.494	2.976
1ST QUARTILE	29.0	85.50	19.47	15.33	6.93	23.500	1.667
2ND QUARTILE	36.0	168.57	38.19	21.00	14.77	26.130	2.767
3RD QUARTILE	66.0	202.61	48.34	40.24	21.26	28.380	3.762
VOL. WGT. MEAN	.	148.67	31.30	29.25	12.51	22.821	3.296
MISSING VALUES	0.0	3	3	3	3	4	3

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES	11	11	11	11	11	11	11	11
MAXIMUM	9.800	12.675	93.100	0.396	0.525	0.0403	1.123	2.065
MINIMUM	0.495	1.410	6.600	0.000	0.099	0.0000	0.412	1.057
ARITH. MEAN	3.051	6.416	26.712	0.164	0.215	0.0162	0.728	1.494
ARITH. STD. DEV	2.846	4.311	27.574	0.163	0.140	0.0139	0.328	0.422
GEOM. MEAN	2.271	4.965	19.623	0.185	0.186	0.0188	0.671	1.448
1ST QUARTILE	1.777	2.149	11.147	0.000	0.114	0.0016	0.453	1.147
2ND QUARTILE	2.175	6.237	20.615	0.088	0.182	0.0171	0.573	1.309
3RD QUARTILE	3.142	11.002	24.548	0.325	0.270	0.0255	1.080	1.933
VOL. WGT. MEAN	2.574	5.413	22.539	0.132	0.181	0.0137	0.608	1.386
MISSING VALUES	3	3	3	4	3	3	6	6

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES	11	11	11	11	11	11	11.00
MAXIMUM	0.242	0.0318	1.971	0.9986	0.0422	5828.00	3492.4
MINIMUM	0.086	0.0044	1.220	0.0173	0.0000	962.50	15.28
ARITH. MEAN	0.164	0.0201	1.682	0.2145	0.0105	3706.49	2222.5
ARITH. STD. DEV	0.110	0.0110	0.300	0.3854	0.0144	1978.44	1398.1
GEOM. MEAN	0.145	0.0166	1.658	0.0782	0.0062	3074.18	1181.4
1ST QUARTILE	0.086	0.0098	1.387	0.0225	0.0014	1444.20	856.30
2ND QUARTILE	0.164	0.0204	1.762	0.0761	0.0042	4693.20	2982.5
3RD QUARTILE	0.242	0.0307	1.945	0.3209	0.0174	5269.65	3340
VOL. WGT. MEAN	0.146	0.0169	1.195	0.1612	0.0088	3127.43	3040.3
MISSING VALUES	9	3	5	5	3	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=CLOYNE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	109.0	393.75	63.84	104.64	29.58	134.400	16.350
MINIMUM :	16.0	22.95	0.00	3.78	0.96	7.590	0.405
ARITH. MEAN :	61.3	177.15	35.23	30.71	15.08	39.627	4.080
ARITH. STD. DEV :	29.6	107.02	20.28	31.73	11.11	34.499	4.200
GEOM. MEAN :	53.6	141.22	33.81	19.60	9.08	29.082	2.796
1ST QUARTILE :	32.5	82.40	19.33	8.13	2.85	16.222	1.722
2ND QUARTILE :	57.0	174.55	33.00	20.99	13.86	32.040	3.295
3RD QUARTILE :	85.5	227.74	55.80	35.13	26.64	52.395	4.444
VOL. WGT. MEAN :	.	175.65	34.93	30.45	14.95	39.291	4.045
MISSING VALUES :	0.0	1	1	1	1	1	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	31.065	19.040	47.040	12.285	1.635	1.6740	0.916	2.722
MINIMUM :	0.990	0.800	0.000	0.000	0.027	0.0000	0.163	0.000
ARITH. MEAN :	5.845	8.902	21.997	1.721	0.341	0.1570	0.474	1.292
ARITH. STD. DEV :	9.597	7.125	14.598	3.474	0.429	0.4780	0.288	0.980
GEOM. MEAN :	2.742	5.591	20.583	0.635	0.212	0.0384	0.403	1.428
1ST QUARTILE :	1.470	2.017	12.390	0.207	0.108	0.0032	0.280	0.535
2ND QUARTILE :	1.725	7.462	19.580	0.350	0.232	0.0175	0.333	1.220
3RD QUARTILE :	3.064	16.999	35.456	1.770	0.384	0.0356	0.804	2.148
VOL. WGT. MEAN :	5.795	8.826	21.810	1.706	0.338	0.1556	0.420	1.311
MISSING VALUES :	1	1	1	1	1	1	5	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.118	0.0348	2.153	0.1574	0.0131	8904.00	5510.5
MINIMUM :	0.083	0.0031	0.337	0.0143	0.0000	1036.80	464.97
ARITH. MEAN :	0.101	0.0199	1.069	0.0650	0.0053	4519.00	2713.8
ARITH. STD. DEV :	0.025	0.0112	0.513	0.0565	0.0051	2505.84	1699.3
GEOM. MEAN :	0.099	0.0162	0.953	0.0467	0.0067	3791.90	2094.7
1ST QUARTILE :	0.083	0.0091	0.780	0.0211	0.0000	2202.75	1193.7
2ND QUARTILE :	0.101	0.0191	0.933	0.0491	0.0043	4809.70	2839.4
3RD QUARTILE :	0.118	0.0309	1.317	0.1259	0.0103	5973.67	4024.6
VOL. WGT. MEAN :	0.137	0.0197	1.045	0.0634	0.0053	4480.58	1579.5
MISSING VALUES :	11	1	2	5	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=COLCHESTER MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	98.0	462.15	56.32	53.72	26.93	68.640	16.195
MINIMUM :	14.0	52.59	10.71	7.01	3.36	5.933	1.618
ARITH. MEAN :	45.4	172.67	27.54	28.39	11.56	28.086	6.244
ARITH. STD. DEV :	30.5	130.08	16.16	14.57	6.59	18.187	4.216
GEOM. MEAN :	36.0	138.49	23.52	24.31	9.89	22.618	5.085
1ST QUARTILE :	17.9	82.09	13.68	13.69	6.36	12.684	3.005
2ND QUARTILE :	30.0	135.00	24.22	27.56	9.10	29.150	4.455
3RD QUARTILE :	73.5	196.40	40.47	42.40	16.24	37.790	8.585
VOL. WGT. MEAN :	.	172.67	27.54	28.39	11.56	28.086	6.244
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	48.760	9.180	66.000	7.261	0.440	0.0154	0.652	2.806
MINIMUM :	0.539	0.800	5.124	0.000	0.054	0.0000	0.296	0.515
ARITH. MEAN :	5.929	3.798	24.257	1.179	0.184	0.0044	0.505	1.631
ARITH. STD. DEV :	13.001	2.246	16.950	2.017	0.114	0.0063	0.130	0.829
GEOM. MEAN :	2.236	3.192	19.188	0.509	0.154	0.0106	0.489	1.419
1ST QUARTILE :	0.855	1.956	10.370	0.165	0.097	0.0000	0.377	1.166
2ND QUARTILE :	1.960	3.520	21.000	0.272	0.143	0.0000	0.567	1.237
3RD QUARTILE :	4.485	4.877	31.684	1.725	0.268	0.0106	0.612	2.542
VOL. WGT. MEAN :	5.929	3.798	24.257	1.179	0.184	0.0044	0.492	1.711
MISSING VALUES :	0	0	0	0	0	0	4	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.678	0.0352	1.735	0.0711	0.0577	8769.00	6880.6
MINIMUM :	0.000	0.0000	0.336	0.0146	0.0000	246.40	1.36
ARITH. MEAN :	0.649	0.0146	0.895	0.0358	0.0072	3391.30	1965.6
ARITH. STD. DEV :	0.625	0.0106	0.479	0.0194	0.0159	3012.63	2115.1
GEOM. MEAN :	0.493	0.0132	0.788	0.0318	0.0053	2055.82	543.18
1ST QUARTILE :	0.038	0.0069	0.581	0.0246	0.0000	888.96	363.57
2ND QUARTILE :	0.593	0.0108	0.717	0.0262	0.0005	2256.00	1124.3
3RD QUARTILE :	1.155	0.0233	1.475	0.0517	0.0085	6764.20	3929.4
VOL. WGT. MEAN :	0.559	0.0146	0.890	0.0464	0.0072	3391.30	486.03
MISSING VALUES :	7	0	2	6	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
THE - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=COLDWATER MIC TIME A SIDE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	151.0	708.75	72.45	17.04	93.62	115.080	8.925
MINIMUM :	13.0	13.00	3.12	3.38	0.39	4.030	0.455
ARITH. MEAN :	63.5	194.71	33.70	21.66	16.24	37.372	3.321
ARITH. STD. DEV :	38.6	184.17	19.08	14.67	24.08	32.659	2.576
GEOM. MEAN :	51.5	126.80	26.74	16.50	8.56	25.526	2.420
1ST QUARTILE :	36.0	68.05	19.83	6.95	4.91	15.945	1.185
2ND QUARTILE :	54.0	162.00	34.20	18.12	7.50	21.840	2.236
3RD QUARTILE :	87.0	220.45	44.91	33.70	17.77	61.220	4.935
VOL. WGT. MEAN :	.	194.71	33.70	21.66	16.24	37.372	3.321
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	10.920	34.020	71.400	2.718	0.550	0.0311	1.702	3.518
MINIMUM :	0.000	0.000	2.392	0.000	0.039	0.0000	0.081	0.279
ARITH. MEAN :	2.716	5.345	26.183	0.628	0.200	0.0070	0.430	1.670
ARITH. STD. DEV :	3.118	8.999	21.982	0.785	0.157	0.0101	0.499	1.145
GEOM. MEAN :	1.782	2.732	18.055	0.422	0.141	0.0120	0.287	1.252
1ST QUARTILE :	0.507	1.202	10.025	0.078	0.053	0.0000	0.140	0.598
2ND QUARTILE :	2.250	2.100	18.540	0.300	0.173	0.0000	0.340	1.417
3RD QUARTILE :	2.885	6.592	39.955	0.976	0.306	0.0148	0.452	2.585
VOL. WGT. MEAN :	2.716	5.345	26.183	0.628	0.200	0.0070	0.396	1.717
MISSING VALUES :	0	0	0	0	0	0	4	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.382	0.0604	2.679	0.2410	0.0160	14490	11251
MINIMUM :	0.000	0.0052	0.246	0.0150	0.0000	317.20	52.96
ARITH. MEAN :	0.180	0.0269	1.067	0.0775	0.0032	4726.56	2983.6
ARITH. STD. DEV :	0.187	0.0175	0.754	0.0722	0.0052	3859.47	2957.2
GEOM. MEAN :	0.279	0.0211	0.862	0.0550	0.0049	3267.25	1750.7
1ST QUARTILE :	0.000	0.0130	0.617	0.0264	0.0000	2280.45	1305
2ND QUARTILE :	0.157	0.0200	0.755	0.0553	0.0000	4120.90	2345.3
3RD QUARTILE :	0.372	0.0420	1.676	0.0975	0.0056	6284.10	3787.5
VOL. WGT. MEAN :	0.179	0.0269	1.023	0.0803	0.0032	4726.56	1340.9
MISSING VALUES :	8	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=DALHOUSIE MILLS MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	85.0	375.25	51.70	73.60	40.32	91.650	10.800
MINIMUM :	10.5	79.65	21.25	12.64	4.60	12.690	1.620
ARITH. MEAN :	50.4	175.24	35.26	35.28	17.06	36.977	4.531
ARITH. STD. DEV :	25.1	96.44	9.18	24.20	11.19	28.852	3.385
GEOM. MEAN :	43.1	154.40	34.19	28.42	14.14	28.877	3.611
1ST QUARTILE :	32.5	96.83	29.90	15.14	8.76	14.812	1.906
2ND QUARTILE :	46.0	143.55	31.79	27.13	14.35	24.380	3.261
3RD QUARTILE :	76.0	257.66	43.69	64.84	23.03	53.992	7.387
VOL. WGT. MEAN :	.	163.92	32.99	33.00	15.96	34.589	4.238
MISSING VALUES :	0.0	3	3	3	3	3	3

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	18.095	27.200	78.020	6.909	1.125	0.0940	3.066	2.989
MINIMUM :	0.945	1.610	9.450	0.108	0.080	0.0000	0.287	0.000
ARITH. MEAN :	4.269	9.535	27.996	1.501	0.328	0.0233	1.090	1.691
ARITH. STD. DEV :	5.209	8.905	21.958	2.323	0.300	0.0278	0.979	0.906
GEOM. MEAN :	2.786	6.266	21.917	0.566	0.252	0.0270	0.806	1.839
1ST QUARTILE :	1.435	2.672	11.197	0.164	0.169	0.0000	0.393	1.141
2ND QUARTILE :	2.247	6.608	18.654	0.429	0.240	0.0184	0.717	1.755
3RD QUARTILE :	4.657	16.275	38.812	2.070	0.393	0.0301	1.608	2.319
VOL. WGT. MEAN :	3.993	8.919	26.187	1.404	0.307	0.0218	0.909	1.667
MISSING VALUES :	3	3	3	3	3	3	6	5

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.635	0.0360	1.891	0.0977	0.0310	10112	7544.4
MINIMUM :	0.000	0.0080	0.376	0.0117	0.0000	249.60	0.94
ARITH. MEAN :	0.602	0.0227	1.112	0.0512	0.0073	3488.11	2096.1
ARITH. STD. DEV :	0.761	0.0081	0.533	0.0394	0.0106	2805.00	2265.9
GEOM. MEAN :	0.409	0.0212	0.988	0.0379	0.0050	2399.19	371.20
1ST QUARTILE :	0.015	0.0183	0.649	0.0153	0.0000	1089.90	9.83
2ND QUARTILE :	0.387	0.0216	1.086	0.0476	0.0029	3214.25	1746.9
3RD QUARTILE :	1.405	0.0298	1.650	0.0905	0.0115	4535.77	2789.9
VOL. WGT. MEAN :	0.653	0.0213	1.022	0.0491	0.0069	3262.79	1875.4
MISSING VALUES :	9	3	5	9	3	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=DORION MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	185.8	204.38	32.00	40.28	27.87	117.054	7.220
MINIMUM :	1.3	0.71	0.48	0.16	0.00	0.247	0.013
ARITH. MEAN :	70.2	93.62	18.46	16.00	6.47	33.119	2.587
ARITH. STD. DEV :	54.4	60.76	9.06	11.67	7.35	31.837	2.043
GEOM. MEAN :	45.8	56.66	13.84	9.69	4.36	17.793	1.491
1ST QUARTILE :	37.6	37.39	11.59	5.84	1.93	10.206	1.059
2ND QUARTILE :	46.8	104.32	18.36	15.28	5.10	27.440	2.154
3RD QUARTILE :	98.0	136.00	25.65	24.70	7.98	39.200	3.932
VOL. WGT. MEAN :	.	105.08	20.73	17.96	7.26	34.963	2.904
MISSING VALUES :	0.0	1	1	1	1	2	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	12.077	15.793	42.362	2.475	0.637	0.0687	1.314	4.122
MINIMUM :	0.000	0.188	0.000	0.000	0.001	0.0000	0.006	0.000
ARITH. MEAN :	2.928	4.412	20.568	0.874	0.216	0.0106	0.395	1.080
ARITH. STD. DEV :	3.449	4.029	13.884	0.823	0.174	0.0203	0.425	1.323
GEOM. MEAN :	1.880	3.052	17.980	0.566	0.119	0.0087	0.198	0.593
1ST QUARTILE :	0.468	2.535	4.663	0.193	0.065	0.0000	0.138	0.152
2ND QUARTILE :	2.940	2.994	25.725	0.744	0.228	0.0001	0.319	0.711
3RD QUARTILE :	4.312	5.002	30.628	1.470	0.294	0.0127	0.362	1.354
VOL. WGT. MEAN :	3.091	4.952	21.712	0.923	0.243	0.0119	0.470	1.980
MISSING VALUES :	2	1	2	2	1	1	6	5

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.438	0.0392	6.177	0.2146	0.0483	4905.12	1910.8
MINIMUM :	0.000	0.0005	0.360	0.0106	0.0000	64.48	0.45
ARITH. MEAN :	0.177	0.0194	1.705	0.0754	0.0069	2269.75	833.79
ARITH. STD. DEV :	0.185	0.0118	2.193	0.0835	0.0142	1418.78	716.36
GEOM. MEAN :	0.108	0.0140	0.945	0.0445	0.0046	1564.86	282.01
1ST QUARTILE :	0.008	0.0130	0.414	0.0155	0.0000	1524.95	124.71
2ND QUARTILE :	0.154	0.0153	0.659	0.0423	0.0002	2118.29	637.39
3RD QUARTILE :	0.339	0.0285	2.945	0.1520	0.0085	3300.91	1640.7
VOL. WGT. MEAN :	0.167	0.0218	1.601	0.0804	0.0077	2547.71	1705
MISSING VALUES :	7	1	4	8	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=DORSET MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES	13.0	13	13	13	13	13	13
MAXIMUM	118.0	337.90	101.48	37.76	31.86	150.960	6.660
MINIMUM	9.8	21.56	4.41	1.18	0.00	2.842	0.196
ARITH. MEAN	67.2	174.70	38.77	15.66	8.41	36.975	2.529
ARITH. STD. DEV	35.4	101.56	25.75	11.67	8.37	38.105	2.050
GEOM. MEAN	54.4	133.81	28.68	10.74	6.09	24.010	1.723
1ST QUARTILE	38.0	97.10	18.72	8.93	2.41	15.900	1.212
2ND QUARTILE	74.0	167.40	40.33	11.30	7.29	27.540	2.145
3RD QUARTILE	95.0	261.15	49.09	23.42	10.99	42.690	3.240
VOL. WGT. MEAN	.	174.70	38.77	15.66	8.41	36.975	2.529
MISSING VALUES	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	27.380	15.930	90.650	15.392	0.518	0.0265	0.772	3.721
MINIMUM	0.196	0.260	2.080	0.000	0.015	0.0000	0.120	0.343
ARITH. MEAN	3.587	3.428	28.375	1.507	0.168	0.0074	0.329	1.747
ARITH. STD. DEV	7.194	4.164	23.192	4.204	0.144	0.0101	0.257	0.942
GEOM. MEAN	1.682	2.035	19.150	0.423	0.118	0.0119	0.269	1.492
1ST QUARTILE	1.255	0.805	13.187	0.037	0.094	0.0000	0.157	1.123
2ND QUARTILE	1.560	2.590	25.410	0.162	0.113	0.0000	0.279	1.582
3RD QUARTILE	2.305	3.187	33.905	0.519	0.196	0.0162	0.527	2.415
VOL. WGT. MEAN	3.587	3.428	28.375	1.507	0.168	0.0074	0.287	1.644
MISSING VALUES	0	0	0	0	0	0	8	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES	13	13	13	13	13	13	13.00
MAXIMUM	1.216	0.0708	2.344	0.0800	0.0248	9628.80	7037.6
MINIMUM	0.000	0.0034	0.149	0.0156	0.0000	764.40	479.98
ARITH. MEAN	0.448	0.0281	0.974	0.0427	0.0042	5082.18	3153.8
ARITH. STD. DEV	0.513	0.0182	0.780	0.0250	0.0073	2970.12	2058.6
GEOM. MEAN	0.339	0.0217	0.689	0.0366	0.0058	3970.08	2325.4
1ST QUARTILE	0.114	0.0152	0.340	0.0210	0.0000	2868.95	1018
2ND QUARTILE	0.236	0.0296	0.728	0.0366	0.0000	4365.60	2706.4
3RD QUARTILE	1.163	0.0380	1.776	0.0685	0.0087	7485.00	4774.7
VOL. WGT. MEAN	0.371	0.0281	0.956	0.0377	0.0042	5082.18	2585.3
MISSING VALUES	6	0	2	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=E.L.A. MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	215.0	215.00	58.05	33.66	12.90	101.050	7.525
MINIMUM :	11.0	13.49	3.98	1.69	1.28	3.380	0.253
ARITH. MEAN :	45.0	59.82	15.28	12.49	4.35	25.709	2.378
ARITH. STD. DEV :	52.3	58.77	15.09	10.42	3.72	25.570	2.160
GEOM. MEAN :	33.0	42.34	11.46	8.71	3.30	18.323	1.517
1ST QUARTILE :	21.4	20.90	5.91	3.53	1.76	10.230	0.591
2ND QUARTILE :	35.8	42.90	11.62	10.58	2.96	21.432	2.136
3RD QUARTILE :	38.8	73.12	18.81	16.53	5.94	26.940	3.584
VOL. WGT. MEAN :	.	57.47	14.68	12.16	4.18	25.023	2.315
MISSING VALUES :	0.0	2	2	1	2	1	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	8.600	17.437	75.680	2.795	0.860	0.0247	2.010	12.544
MINIMUM :	0.000	1.140	1.352	0.142	0.017	0.0000	0.036	0.000
ARITH. MEAN :	1.944	4.430	16.692	0.934	0.194	0.0039	0.425	2.398
ARITH. STD. DEV :	2.468	4.810	19.963	0.716	0.272	0.0075	0.778	3.919
GEOM. MEAN :	1.107	3.005	10.171	0.705	0.098	0.0090	0.156	1.323
1ST QUARTILE :	0.272	1.402	4.933	0.408	0.041	0.0000	0.060	0.302
2ND QUARTILE :	0.887	2.647	12.394	0.743	0.081	0.0000	0.129	0.990
3RD QUARTILE :	2.936	5.869	18.556	1.300	0.154	0.0077	0.637	2.585
VOL. WGT. MEAN :	1.892	4.311	16.247	0.909	0.189	0.0038	0.326	2.119
MISSING VALUES :	1	1	1	1	1	1	7	4

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	138.908	0.0860	4.143	7.0459	0.0277	5740.50	1118.2
MINIMUM :	0.000	0.0032	0.180	0.0624	0.0000	182.60	1.13
ARITH. MEAN :	20.085	0.0165	0.989	3.5541	0.0053	1342.27	219.91
ARITH. STD. DEV :	52.397	0.0226	1.153	4.9380	0.0095	1554.59	342.23
GEOM. MEAN :	0.939	0.0104	0.633	0.6632	0.0045	888.69	43.21
1ST QUARTILE :	0.000	0.0057	0.326	0.0624	0.0000	501.80	5.47
2ND QUARTILE :	0.120	0.0086	0.411	3.5541	0.0001	787.50	40.02
3RD QUARTILE :	1.053	0.0179	1.290	7.0459	0.0068	1586.10	391.24
VOL. WGT. MEAN :	25.135	0.0160	0.910	4.4075	0.0051	1289.59	1118.2
MISSING VALUES :	6	1	2	11	1	2	2.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=EAR FALLS MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES	13.0	13	13	13	13	13	13
MAXIMUM	140.0	165.00	26.60	36.40	16.80	63.000	8.400
MINIMUM	2.1	0.00	0.59	1.26	0.25	0.819	0.198
ARITH. MEAN	50.5	48.15	10.31	11.98	4.87	21.135	2.476
ARITH. STD. DEV	39.3	54.84	7.36	11.26	4.05	19.637	2.770
GEOM. MEAN	34.9	31.03	7.61	7.17	3.46	12.082	1.296
1ST QUARTILE	23.3	11.58	5.51	2.53	2.86	5.508	0.467
2ND QUARTILE	39.1	27.37	7.92	7.75	4.40	10.728	1.240
3RD QUARTILE	72.5	64.77	15.70	21.08	5.53	39.600	4.087
VOL. WGT. MEAN	.	48.15	10.31	11.98	4.87	21.135	2.476
MISSING VALUES	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	11.200	23.100	41.720	2.520	0.461	0.0318	0.929	6.964
MINIMUM	0.105	0.304	0.403	0.027	0.008	0.0000	0.066	0.000
ARITH. MEAN	2.839	5.019	13.695	0.852	0.136	0.0060	0.357	1.627
ARITH. STD. DEV	3.519	5.864	13.698	0.845	0.150	0.0091	0.333	2.144
GEOM. MEAN	1.007	3.236	6.719	0.442	0.076	0.0111	0.236	0.993
1ST QUARTILE	0.250	2.281	2.170	0.182	0.024	0.0000	0.098	0.090
2ND QUARTILE	0.782	3.009	6.412	0.430	0.086	0.0000	0.266	0.482
3RD QUARTILE	5.130	5.851	22.224	1.627	0.175	0.0103	0.612	2.673
VOL. WGT. MEAN	2.839	5.019	13.695	0.852	0.136	0.0060	0.254	1.749
MISSING VALUES	0	0	0	0	0	0	7	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES	13	13	13	13	13	13	13.00
MAXIMUM	4.865	0.0560	2.892	0.0659	0.0082	3938.00	1263
MINIMUM	0.000	0.0008	0.030	0.0153	0.0000	34.65	1.24
ARITH. MEAN	0.752	0.0177	0.964	0.0399	0.0023	1291.17	203.60
ARITH. STD. DEV	1.815	0.0172	0.812	0.0180	0.0032	1156.89	331.83
GEOM. MEAN	0.179	0.0098	0.617	0.0360	0.0039	851.46	67.24
1ST QUARTILE	0.000	0.0034	0.374	0.0224	0.0000	610.07	34.46
2ND QUARTILE	0.052	0.0119	0.770	0.0427	0.0000	986.19	105.24
3RD QUARTILE	0.238	0.0290	1.264	0.0523	0.0058	1424.90	240.79
VOL. WGT. MEAN	0.651	0.0177	0.863	0.0424	0.0023	1291.17	263.37
MISSING VALUES	6	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=GERALDTON MIC TYPE A SITE NO. 1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	166.0	190.90	36.52	29.88	10.59	72.800	6.640
MINIMUM :	26.8	0.00	0.00	2.02	0.00	5.896	0.168
ARITH. MEAN :	70.2	74.08	15.52	12.33	4.89	25.787	2.139
ARITH. STD. DEV :	41.8	50.89	9.73	7.73	3.16	20.693	1.648
GEOM. MEAN :	59.9	66.88	14.82	9.68	5.24	19.593	1.534
1ST QUARTILE :	34.4	26.67	8.47	6.32	2.51	9.322	1.237
2ND QUARTILE :	51.3	73.35	12.09	12.71	5.20	21.437	2.118
3RD QUARTILE :	101.5	105.77	21.20	17.33	6.92	33.508	2.294
VOL. WGT. MEAN :	.	74.08	15.52	12.33	4.89	24.713	2.139
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	13.600	8.048	45.600	5.200	0.830	0.0359	0.364	7.338
MINIMUM :	0.000	1.110	0.000	0.151	0.027	0.0000	0.102	0.000
ARITH. MEAN :	2.473	3.731	16.318	1.254	0.229	0.0079	0.193	1.888
ARITH. STD. DEV :	3.651	1.838	14.447	1.406	0.223	0.0119	0.148	2.533
GEOM. MEAN :	2.047	3.354	12.416	0.776	0.145	0.0135	0.162	1.324
1ST QUARTILE :	0.229	2.618	4.554	0.302	0.068	0.0000	0.102	0.407
2ND QUARTILE :	1.251	3.300	15.012	0.744	0.186	0.0000	0.114	1.234
3RD QUARTILE :	3.060	4.389	23.052	1.838	0.306	0.0148	0.364	2.400
VOL. WGT. MEAN :	2.473	3.731	16.318	1.202	0.229	0.0079	0.418	2.667
MISSING VALUES :	0	0	0	1	0	0	10	6

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.722	0.0664	6.137	0.1007	0.0284	4614.80	1322.5
MINIMUM :	0.000	0.0050	0.527	0.0228	0.0000	884.00	6.49
ARITH. MEAN :	0.211	0.0272	1.483	0.0564	0.0054	2243.58	760.39
ARITH. STD. DEV :	0.290	0.0209	1.631	0.0405	0.0092	1030.88	395.86
GEOM. MEAN :	0.175	0.0204	1.075	0.0451	0.0067	2039.12	523.82
1ST QUARTILE :	0.043	0.0115	0.543	0.0228	0.0000	1568.46	498.03
2ND QUARTILE :	0.114	0.0160	0.967	0.0356	0.0000	2098.17	662.46
3RD QUARTILE :	0.427	0.0442	1.465	0.1005	0.0096	2541.19	1154.9
VOL. WGT. MEAN :	0.208	0.0272	1.339	0.0648	0.0054	2243.58	1112.6
MISSING VALUES :	8	0	2	8	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=GOLDEN LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	76.0	266.00	53.96	27.36	10.88	47.120	5.320
MINIMUM :	1.3	1.30	0.57	0.26	0.21	0.195	0.039
ARITH. MEAN :	46.0	110.90	26.01	11.11	5.81	20.178	1.689
ARITH. STD. DEV :	24.2	78.24	14.33	8.85	3.37	14.615	1.511
GEOM. MEAN :	32.8	69.42	18.73	6.99	4.00	12.416	1.049
1ST QUARTILE :	28.0	51.75	16.68	5.04	4.08	10.080	0.873
2ND QUARTILE :	51.0	84.15	25.20	8.15	5.49	17.100	1.020
3RD QUARTILE :	64.0	169.20	29.69	18.30	8.36	28.800	2.440
VOL. WGT. MEAN :	.	110:90	26.01	11.11	5.81	20.178	1.689
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	5.865	4.275	43.776	0.936	0.380	0.1484	0.569	2.102
MINIMUM :	0.033	0.084	0.127	0.000	0.004	0.0000	0.005	0.000
ARITH. MEAN :	1.798	2.107	16.240	0.293	0.156	0.0197	0.324	0.662
ARITH. STD. DEV :	1.809	1.200	14.330	0.262	0.105	0.0435	0.189	0.637
GEOM. MEAN :	0.932	1.557	8.930	0.198	0.108	0.0123	0.203	0.563
1ST QUARTILE :	0.450	1.785	6.608	0.096	0.084	0.0000	0.207	0.028
2ND QUARTILE :	1.220	1.830	9.120	0.315	0.144	0.0076	0.295	0.676
3RD QUARTILE :	3.420	3.202	26.240	0.384	0.192	0.0122	0.501	0.912
VOL. WGT. MEAN :	1.798	2.107	16.240	0.293	0.156	0.0197	0.302	0.708
MISSING VALUES :	0	0	0	0	0	0	3	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	0.193	0.0320	1.500	0.1235	0.0151	6703.20	3722.3
MINIMUM :	0.174	0.0003	0.022	0.0016	0.0000	55.38	33.42
ARITH. MEAN :	0.183	0.0173	0.718	0.0415	0.0032	3445.96	2119.5
ARITH. STD. DEV :	0.014	0.0120	0.471	0.0489	0.0059	1863.98	1091.7
GEOM. MEAN :	0.183	0.0105	0.481	0.0189	0.0021	2376.05	1468.5
1ST QUARTILE :	0.174	0.0048	0.353	0.0078	0.0000	2500.40	1719.2
2ND QUARTILE :	0.183	0.0152	0.586	0.0172	0.0002	3397.50	2186.7
3RD QUARTILE :	0.193	0.0304	1.089	0.0906	0.0041	4389.03	2985.4
VOL. WGT. MEAN :	0.338	0.0173	0.703	0.0497	0.0032	3445.96	33.42
MISSING VALUES :	9	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=GOWGANDA MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES	13.0	13	13	13	13	13	13
MAXIMUM	128.0	286.20	40.50	20.48	11.52	167.750	3.780
MINIMUM	10.0	25.60	5.20	0.00	0.00	6.194	0.470
ARITH. MEAN	67.9	139.08	23.26	8.93	5.75	44.611	1.691
ARITH. STD. DEV	34.6	80.90	9.96	5.66	3.60	55.128	1.122
GEOM. MEAN	57.0	111.65	20.89	8.39	5.14	26.526	1.364
1ST QUARTILE	33.2	67.89	16.55	5.25	2.67	17.259	0.905
2ND QUARTILE	62.0	156.75	20.97	7.20	5.64	20.270	1.050
3RD QUARTILE	94.5	192.17	30.91	13.92	9.05	44.278	2.870
VOL. WGT. MEAN	.	139.08	23.26	8.93	5.75	42.729	1.691
MISSING VALUES	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	26.535	4.480	100.650	12.200	0.372	1.6160	0.719	1.438
MINIMUM	0.163	0.300	2.934	0.000	0.033	0.0000	0.224	0.000
ARITH. MEAN	3.408	2.396	22.083	1.571	0.142	0.1450	0.433	0.682
ARITH. STD. DEV	7.048	1.075	25.097	3.508	0.103	0.4635	0.209	0.509
GEOM. MEAN	1.328	2.082	14.981	0.659	0.113	0.0428	0.393	0.858
1ST QUARTILE	0.543	1.890	9.050	0.031	0.063	0.0000	0.269	0.138
2ND QUARTILE	0.950	2.247	14.577	0.307	0.104	0.0051	0.319	0.670
3RD QUARTILE	2.660	2.716	24.627	0.777	0.223	0.0232	0.672	1.080
VOL. WGT. MEAN	3.408	2.396	22.083	1.504	0.136	0.1389	0.375	0.733
MISSING VALUES	0	0	0	1	1	1	5	5

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES	13	13	13	13	13	13	13.00
MAXIMUM	0.982	0.0546	1.323	0.1393	0.0230	7443.00	5051.5
MINIMUM	0.000	0.0038	0.234	0.0247	0.0000	1010.00	10.12
ARITH. MEAN	0.429	0.0270	0.724	0.0888	0.0064	4126.18	2316.1
ARITH. STD. DEV	0.378	0.0171	0.300	0.0389	0.0088	2026.12	1483.8
GEOM. MEAN	0.616	0.0204	0.663	0.0787	0.0058	3573.56	1420
1ST QUARTILE	0.000	0.0132	0.570	0.0623	0.0000	2036.92	1108.2
2ND QUARTILE	0.492	0.0246	0.710	0.0926	0.0007	4439.20	2332
3RD QUARTILE	0.700	0.0419	0.866	0.1166	0.0113	5458.16	3046.9
VOL. WGT. MEAN	0.448	0.0259	0.612	0.0991	0.0061	4126.18	1059.6
MISSING VALUES	7	1	4	7	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=KILLARNEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	140.0	333.31	96.39	36.00	20.58	61.418	5.500
MINIMUM :	5.0	13.75	2.30	2.80	0.00	3.200	0.592
ARITH. MEAN :	62.3	170.09	42.36	16.07	7.97	30.550	2.414
ARITH. STD. DEV :	36.5	97.32	28.17	10.24	6.66	16.834	1.354
GEOM. MEAN :	49.7	134.40	31.52	13.02	6.04	24.915	2.037
1ST QUARTILE :	37.0	110.87	21.35	8.52	2.62	17.800	1.414
2ND QUARTILE :	55.0	140.13	42.21	13.30	6.65	28.116	2.166
3RD QUARTILE :	86.5	255.12	62.56	20.68	13.33	42.660	3.270
VOL. WGT. MEAN :	.	170.09	42.36	16.07	7.97	30.550	2.414
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	8.654	14.620	55.426	0.750	0.500	0.1140	1.156	3.125
MINIMUM :	0.197	0.225	1.000	0.000	0.039	0.0000	0.126	0.000
ARITH. MEAN :	2.447	3.429	26.336	0.250	0.190	0.0303	0.575	1.383
ARITH. STD. DEV :	2.189	3.955	14.451	0.274	0.123	0.0347	0.384	0.896
GEOM. MEAN :	1.748	1.959	20.178	0.348	0.158	0.0354	0.450	1.269
1ST QUARTILE :	1.032	0.850	17.300	0.000	0.112	0.0000	0.233	0.525
2ND QUARTILE :	2.247	1.900	21.850	0.200	0.152	0.0220	0.635	1.377
3RD QUARTILE :	2.650	4.870	37.944	0.477	0.265	0.0507	0.935	1.919
VOL. WGT. MEAN :	2.447	3.429	26.336	0.250	0.176	0.0281	0.481	1.285
MISSING VALUES :	0	0	0	0	1	1	6	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.213	0.0412	3.338	0.2383	0.0224	11536	13.00
MINIMUM :	0.000	0.0120	0.330	0.0375	0.0000	330.50	9432.5
ARITH. MEAN :	0.363	0.0234	1.051	0.1197	0.0057	5161.41	134.58
ARITH. STD. DEV :	0.578	0.0100	0.909	0.0739	0.0071	3407.99	3400.6
GEOM. MEAN :	0.537	0.0217	0.811	0.0998	0.0071	3878.09	2621
1ST QUARTILE :	0.000	0.0158	0.442	0.0511	0.0000	2847.82	2331.3
2ND QUARTILE :	0.119	0.0209	0.781	0.1182	0.0034	4110.00	1572.7
3RD QUARTILE :	0.969	0.0340	1.167	0.1722	0.0106	7468.25	2965.2
VOL. WGT. MEAN :	0.369	0.0218	0.941	0.0849	0.0053	5161.41	4539.7
MISSING VALUES :	9	1	2	7	1	0	3038.4
							0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=LAC LA CROIX MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES	7.0	7	7	7	7	7	7
MAXIMUM	210.0	210.00	44.85	33.60	161.85	152.100	6.300
MINIMUM	3.8	2.28	1.25	0.38	0.27	0.532	0.057
ARITH. MEAN	91.8	102.59	23.41	19.08	30.86	51.716	3.442
ARITH. STD. DEV	79.2	78.14	16.39	14.23	64.26	52.995	2.579
GEOM. MEAN	55.4	55.70	14.77	10.19	5.58	22.950	1.778
1ST QUARTILE	43.0	34.69	6.46	6.92	2.46	14.807	1.139
2ND QUARTILE	70.0	100.12	26.27	18.90	4.67	41.750	3.474
3RD QUARTILE	195.0	170.63	36.41	33.60	48.34	78.975	5.962
VOL. WGT. MEAN	.	94.24	21.50	17.53	28.35	47.509	3.162
MISSING VALUES	0.0	1	1	1	1	1	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES	7	7	7	7	7	7	7	7
MAXIMUM	37.050	8.400	137.670	10.530	0.840	0.0008	0.528	3.132
MINIMUM	0.000	0.190	0.152	0.019	0.008	0.0000	0.013	0.100
ARITH. MEAN	8.905	3.230	42.148	2.197	0.398	0.0001	0.234	1.456
ARITH. STD. DEV	13.974	2.890	45.345	4.097	0.316	0.0003	0.221	1.280
GEOM. MEAN	5.840	1.976	16.415	0.534	0.211	0.0008	0.124	0.838
1ST QUARTILE	1.406	1.172	8.736	0.173	0.171	0.0000	0.043	0.317
2ND QUARTILE	4.104	2.695	32.250	0.784	0.309	0.0000	0.197	1.297
3RD QUARTILE	13.987	5.025	49.560	3.262	0.735	0.0002	0.462	2.756
VOL. WGT. MEAN	8.181	2.967	42.148	2.018	0.366	0.0001	0.442	1.701
MISSING VALUES	1	1	0	1	1	1	3	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES	7	7	7	7	7	7	7.00
MAXIMUM	1.175	0.0840	1.867	0.1698	0.0003	5518.50	1585
MINIMUM	0.000	0.0000	0.434	0.1698	0.0000	164.16	59.98
ARITH. MEAN	0.588	0.0350	1.038	0.1698	0.0001	2553.98	515.11
ARITH. STD. DEV	0.831	0.0372	0.573	.	0.0001	2167.55	581.16
GEOM. MEAN	1.175	0.0219	0.908	0.1698	0.0003	1568.86	277.57
1ST QUARTILE	0.000	0.0011	0.499	0.1698	0.0000	737.19	77.35
2ND QUARTILE	0.588	0.0231	1.112	0.1698	0.0000	1910.00	341.50
3RD QUARTILE	1.175	0.0795	1.542	0.1698	0.0001	5049.37	905.91
VOL. WGT. MEAN	0.266	0.0321	0.800	0.2225	0.0001	2346.19	679.55
MISSING VALUES	5	1	2	6	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=MATTAWA MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	89.0	308.85	66.70	33.06	18.95	39.490	5.220
MINIMUM :	22.0	36.30	5.72	3.84	1.32	11.440	0.445
ARITH. MEAN :	58.2	135.35	32.55	12.69	7.41	23.294	1.929
ARITH. STD. DEV :	21.8	84.33	15.99	9.44	4.73	9.562	1.522
GEOM. MEAN :	54.0	111.43	28.26	10.13	6.00	21.527	1.469
1ST QUARTILE :	43.0	58.05	23.68	6.62	5.03	16.000	0.827
2ND QUARTILE :	62.0	129.05	27.59	9.46	7.12	18.480	1.155
3RD QUARTILE :	75.8	192.20	41.65	15.80	9.36	31.320	2.872
VOL. WGT. MEAN :	.	135.35	32.55	12.69	7.41	23.294	1.929
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	4.840	6.822	32.310	1.149	0.348	0.0206	0.614	6.208
MINIMUM :	0.331	0.660	6.028	0.000	0.048	0.0000	0.091	0.000
ARITH. MEAN :	2.112	2.730	17.717	0.449	0.196	0.0079	0.348	1.884
ARITH. STD. DEV :	1.328	1.745	11.008	0.423	0.104	0.0083	0.186	1.610
GEOM. MEAN :	1.652	2.302	14.498	0.421	0.165	0.0136	0.296	1.737
1ST QUARTILE :	1.137	1.600	8.275	0.152	0.092	0.0000	0.189	0.996
2ND QUARTILE :	2.106	2.225	13.398	0.267	0.227	0.0066	0.346	1.559
3RD QUARTILE :	3.045	3.042	31.124	0.796	0.287	0.0152	0.519	2.238
VOL. WGT. MEAN :	2.112	2.730	17.717	0.449	0.196	0.0079	0.355	1.884
MISSING VALUES :	0	0	0	0	0	0	3	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	0.773	0.0348	4.494	0.2399	0.0154	7435.98	4894.1
MINIMUM :	0.000	0.0032	0.515	0.0481	0.0000	675.40	196.08
ARITH. MEAN :	0.386	0.0181	1.234	0.1148	0.0034	4444.98	2718.4
ARITH. STD. DEV :	0.546	0.0105	1.257	0.0705	0.0058	1963.01	1364.6
GEOM. MEAN :	0.773	0.0148	0.946	0.0991	0.0038	3856.99	2194.1
1ST QUARTILE :	0.000	0.0088	0.591	0.0565	0.0000	3084.92	2137.1
2ND QUARTILE :	0.386	0.0185	0.774	0.0980	0.0000	4057.60	2377.8
3RD QUARTILE :	0.773	0.0287	1.279	0.1690	0.0064	5589.20	3306.7
VOL. WGT. MEAN :	0.302	0.0181	1.152	0.1115	0.0034	4444.98	1561.2
MISSING VALUES :	9	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=MCKELLAR MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	149.0	767.35	102.00	61.60	47.17	165.390	10.620
MINIMUM :	11.0	14.30	2.53	3.96	0.99	5.060	0.990
ARITH. MEAN :	88.3	268.37	55.74	23.94	15.22	62.024	4.435
ARITH. STD. DEV :	42.1	181.86	29.61	15.86	11.98	43.915	3.132
GEOM. MEAN :	72.9	205.30	43.23	19.27	10.70	47.260	3.497
1ST QUARTILE :	59.3	160.76	32.78	12.54	6.51	33.266	1.997
2ND QUARTILE :	97.0	230.30	51.47	19.40	15.92	46.268	2.880
3RD QUARTILE :	117.5	362.29	82.19	33.90	20.63	89.122	6.384
VOL. WGT. MEAN :	.	268.37	55.74	23.94	15.22	62.024	4.435
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	18.585	28.050	128.140	3.085	1.062	0.0588	0.914	9.654
MINIMUM :	0.880	0.440	1.672	0.000	0.021	0.0000	0.126	0.696
ARITH. MEAN :	5.302	6.270	50.452	1.816	0.288	0.0168	0.562	2.857
ARITH. STD. DEV :	5.570	7.309	34.311	2.789	0.264	0.0191	0.253	2.787
GEOM. MEAN :	3.564	3.995	36.523	1.002	0.201	0.0289	0.495	2.037
1ST QUARTILE :	2.437	2.437	27.484	0.066	0.120	0.0000	0.355	1.179
2ND QUARTILE :	2.740	3.840	35.508	0.430	0.231	0.0176	0.530	1.739
3RD QUARTILE :	6.204	6.740	72.870	3.298	0.353	0.0312	0.824	3.560
VOL. WGT. MEAN :	5.302	6.270	50.452	1.816	0.288	0.0168	0.552	3.297
MISSING VALUES :	0	0	0	0	0	0	3	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.103	0.0637	2.026	0.1073	0.0382	14453	11566
MINIMUM :	0.000	0.0044	0.282	0.0342	0.0000	283.80	0.86
ARITH. MEAN :	0.670	0.0319	1.055	0.0868	0.0055	7276.65	4591.4
ARITH. STD. DEV :	0.500	0.0189	0.538	0.0274	0.0114	4149.03	3207.7
GEOM. MEAN :	0.862	0.0249	0.926	0.0814	0.0069	5016.55	1672.7
1ST QUARTILE :	0.146	0.0130	0.663	0.0689	0.0000	4791.56	2912.1
2ND QUARTILE :	0.789	0.0342	1.036	0.0972	0.0000	7071.30	3992.3
3RD QUARTILE :	1.076	0.0428	1.334	0.1052	0.0070	9840.30	6887.3
VOL. WGT. MEAN :	0.526	0.0319	1.072	0.1030	0.0055	7276.65	3570.6
MISSING VALUES :	9	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=MERLIN MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	91.0	307.10	44.09	37.82	79.20	45.500	7.000
MINIMUM :	5.0	33.63	3.25	11.00	0.00	18.009	2.000
ARITH. MEAN :	40.2	167.43	27.00	25.05	15.65	29.620	4.416
ARITH. STD. DEV :	26.7	86.19	13.03	8.96	21.31	10.125	1.562
GEOM. MEAN :	31.2	142.24	22.52	23.56	10.92	28.104	4.157
1ST QUARTILE :	19.4	83.66	14.96	19.49	4.57	21.483	3.159
2ND QUARTILE :	31.0	172.37	30.57	22.02	8.41	28.388	4.145
3RD QUARTILE :	65.2	237.56	38.06	35.89	18.53	39.960	5.981
VOL. WGT. MEAN :	.	156.04	25.17	23.35	14.58	28.009	4.115
MISSING VALUES :	0.0	1	1	1	1	2	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	5.750	44.051	41.144	1.702	0.434	0.0477	0.662	3.470
MINIMUM :	0.000	1.260	2.821	0.000	0.050	0.0000	0.201	0.625
ARITH. MEAN :	2.722	7.587	22.129	0.479	0.186	0.0099	0.460	1.793
ARITH. STD. DEV :	1.787	11.916	11.998	0.459	0.112	0.0149	0.159	0.844
GEOM. MEAN :	2.506	4.136	18.391	0.395	0.157	0.0187	0.432	1.605
1ST QUARTILE :	1.231	1.937	14.112	0.220	0.108	0.0000	0.329	1.208
2ND QUARTILE :	2.550	3.062	18.410	0.291	0.196	0.0000	0.492	1.734
3RD QUARTILE :	4.522	8.982	35.343	0.730	0.210	0.0168	0.573	2.210
VOL. WGT. MEAN :	2.537	7.071	20.624	0.446	0.167	0.0089	0.407	1.795
MISSING VALUES :	1	1	1	1	2	2	7	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.227	0.0302	2.124	0.2996	0.0223	7222.40	5119.5
MINIMUM :	0.000	0.0056	0.394	0.0141	0.0000	366.73	0.97
ARITH. MEAN :	0.076	0.0160	1.037	0.1310	0.0051	3716.22	2307.2
ARITH. STD. DEV :	0.131	0.0091	0.710	0.1166	0.0077	2570.44	1805.8
GEOM. MEAN :	0.227	0.0136	0.827	0.0783	0.0066	2573.85	903.68
1ST QUARTILE :	0.000	0.0083	0.427	0.0212	0.0000	1117.34	497.12
2ND QUARTILE :	0.000	0.0145	0.528	0.0908	0.0000	4144.00	2536.1
3RD QUARTILE :	0.227	0.0246	1.745	0.2501	0.0118	6030.90	3864.2
VOL. WGT. MEAN :	0.070	0.0144	0.914	0.1056	0.0045	3463.47	.
MISSING VALUES :	10	2	4	6	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=MOONBEAM MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	12.0	12	12	12	12	12	12
MAXIMUM :	195.0	195.00	42.70	30.80	9.60	45.100	4.400
MINIMUM :	11.1	8.32	5.11	1.60	0.00	2.442	0.000
ARITH. MEAN :	66.6	95.77	21.85	9.77	4.62	20.523	1.594
ARITH. STD. DEV :	49.9	55.01	12.00	8.47	3.19	11.640	1.284
GEOM. MEAN :	51.7	76.45	18.18	7.04	4.01	16.546	1.353
1ST QUARTILE :	41.3	56.69	10.41	3.84	1.82	14.538	0.620
2ND QUARTILE :	53.9	86.35	24.26	6.34	4.58	19.798	1.247
3RD QUARTILE :	78.8	152.06	30.45	15.63	7.32	27.450	2.381
VOL. WGT. MEAN :	.	95.77	21.85	9.77	4.62	20.523	1.594
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	12	12	12	12	12	12	12	12
MAXIMUM :	10.175	7.150	39.930	3.960	0.935	0.0172	0.565	2.628
MINIMUM :	0.000	0.777	1.110	0.000	0.011	0.0000	0.087	0.000
ARITH. MEAN :	1.901	2.410	15.487	0.569	0.202	0.0033	0.325	1.209
ARITH. STD. DEV :	2.761	1.755	9.910	1.132	0.250	0.0058	0.182	0.978
GEOM. MEAN :	1.196	1.950	12.050	0.281	0.119	0.0078	0.271	1.234
1ST QUARTILE :	0.450	0.919	9.921	0.006	0.073	0.0000	0.122	0.216
2ND QUARTILE :	0.962	2.238	13.731	0.173	0.110	0.0000	0.339	1.195
3RD QUARTILE :	2.456	3.091	17.518	0.409	0.217	0.0073	0.525	2.110
VOL. WGT. MEAN :	1.901	2.410	15.487	0.569	0.202	0.0033	0.368	1.274
MISSING VALUES :	0	0	0	0	0	0	5	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	12	12	12	12	12	12	12.00
MAXIMUM :	0.651	0.0780	1.389	0.1335	0.1440	7808.00	4638.3
MINIMUM :	0.000	0.0040	0.241	0.0211	0.0000	528.36	11.76
ARITH. MEAN :	0.217	0.0197	0.849	0.0733	0.0160	3265.07	1654
ARITH. STD. DEV :	0.376	0.0198	0.386	0.0490	0.0410	2286.88	1393.6
GEOM. MEAN :	0.651	0.0139	0.752	0.0577	0.0076	2480.15	859.36
1ST QUARTILE :	0.000	0.0060	0.533	0.0244	0.0000	1307.84	338.63
2ND QUARTILE :	0.000	0.0176	0.847	0.0769	0.0001	2682.73	1377.6
3RD QUARTILE :	0.651	0.0218	1.195	0.1204	0.0142	4920.50	2572.2
VOL. WGT. MEAN :	0.258	0.0197	0.737	0.0801	0.0160	3265.07	2213.4
MISSING VALUES :	9	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=MOOSONEE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	115.0	196.50	26.45	84.00	151.20	168.000	18.600
MINIMUM :	24.9	13.69	5.40	0.00	0.00	3.472	0.000
ARITH. MEAN :	61.9	83.90	13.86	13.69	24.19	24.633	3.893
ARITH. STD. DEV :	30.4	61.30	6.33	21.99	41.57	43.867	5.566
GEOM. MEAN :	54.9	58.94	12.50	8.43	10.35	12.839	2.221
1ST QUARTILE :	30.6	23.68	8.08	3.26	3.88	6.273	0.685
2ND QUARTILE :	50.0	80.16	14.03	5.70	4.96	9.350	1.936
3RD QUARTILE :	90.0	136.87	17.95	14.41	38.65	22.019	3.525
VOL. WGT. MEAN :	.	83.90	13.86	13.69	24.19	24.633	3.893
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	25.500	90.400	122.100	15.240	0.250	0.2070	0.687	3.582
MINIMUM :	0.000	0.000	1.786	0.000	0.025	0.0000	0.080	0.000
ARITH. MEAN :	3.323	14.445	17.394	1.310	0.095	0.0206	0.382	1.618
ARITH. STD. DEV :	6.798	25.301	32.072	4.188	0.069	0.0569	0.210	1.501
GEOM. MEAN :	1.646	4.999	8.171	0.381	0.073	0.0202	0.315	1.302
1ST QUARTILE :	0.277	1.198	3.059	0.000	0.031	0.0000	0.195	0.265
2ND QUARTILE :	1.700	2.500	7.680	0.149	0.085	0.0000	0.352	0.877
3RD QUARTILE :	2.512	25.712	15.764	0.300	0.131	0.0107	0.571	3.236
VOL. WGT. MEAN :	3.323	14.445	17.394	1.310	0.095	0.0206	0.400	2.343
MISSING VALUES :	0	0	0	0	0	0	1	6

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	2.488	0.0401	1.293	0.1509	0.0304	5485.50	2956
MINIMUM :	0.000	0.0025	0.380	0.0208	0.0000	111.00	0.45
ARITH. MEAN :	1.039	0.0190	0.666	0.0681	0.0076	2526.93	1173
ARITH. STD. DEV :	1.055	0.0123	0.250	0.0443	0.0109	1534.42	859.61
GEOM. MEAN :	1.180	0.0145	0.628	0.0576	0.0062	1887.59	576.46
1ST QUARTILE :	0.161	0.0110	0.444	0.0418	0.0000	1219.74	475.58
2ND QUARTILE :	0.835	0.0172	0.658	0.0570	0.0010	2371.50	1034.8
3RD QUARTILE :	2.123	0.0300	0.774	0.0933	0.0132	3334.43	1453.8
VOL. WGT. MEAN :	1.163	0.0190	0.639	0.0681	0.0076	2526.93	556.52
MISSING VALUES :	9	0	1	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=PALMERSTON MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	112.0	472.50	76.54	140.18	35.26	109.650	39.775
MINIMUM :	20.0	78.66	14.08	12.04	3.87	16.146	3.010
ARITH. MEAN :	56.8	231.49	37.99	54.61	15.80	56.912	13.362
ARITH. STD. DEV :	30.7	126.56	18.63	37.13	12.02	28.122	10.897
GEOM. MEAN :	49.2	201.98	33.92	44.43	11.77	50.095	10.351
1ST QUARTILE :	31.4	133.83	24.75	24.62	5.25	33.785	5.944
2ND QUARTILE :	53.6	200.70	36.73	46.00	9.78	54.013	10.350
3RD QUARTILE :	80.0	356.51	46.93	76.06	29.31	76.775	15.998
VOL. WGT. MEAN :	.	262.78	43.13	62.00	17.94	64.605	15.168
MISSING VALUES :	0.0	3	3	3	3	3	3

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	12.320	23.435	86.000	1.863	0.662	0.1620	3.878	19.184
MINIMUM :	0.804	0.860	3.933	0.270	0.086	0.0000	0.211	1.252
ARITH. MEAN :	4.825	8.756	44.979	1.029	0.352	0.0241	1.344	5.396
ARITH. STD. DEV :	4.010	8.145	25.919	0.557	0.239	0.0510	1.322	5.946
GEOM. MEAN :	3.316	5.309	34.983	0.869	0.271	0.0357	0.872	3.598
1ST QUARTILE :	1.174	2.362	23.858	0.510	0.110	0.0000	0.324	1.569
2ND QUARTILE :	3.837	4.873	44.400	0.954	0.331	0.0000	0.918	3.518
3RD QUARTILE :	8.034	16.747	66.637	1.503	0.651	0.0265	2.309	6.800
VOL. WGT. MEAN :	5.477	9.940	51.058	1.168	0.399	0.0274	1.783	6.675
MISSING VALUES :	3	3	3	3	3	3	6	5

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.083	0.0630	15.922	1.4948	0.0688	8064.00	5238.6
MINIMUM :	0.000	0.0080	0.412	0.0243	0.0000	360.18	1.24
ARITH. MEAN :	0.571	0.0258	4.398	0.4222	0.0160	2914.97	1505.3
ARITH. STD. DEV :	0.503	0.0168	5.463	0.6199	0.0247	3001.65	2034.5
GEOM. MEAN :	0.668	0.0218	2.184	0.1610	0.0110	1675.22	80.45
1ST QUARTILE :	0.077	0.0144	0.660	0.0490	0.0000	590.02	1.55
2ND QUARTILE :	0.600	0.0196	1.656	0.0955	0.0022	1236.25	268.14
3RD QUARTILE :	1.035	0.0353	7.645	0.9588	0.0289	5508.00	3710.9
VOL. WGT. MEAN :	0.742	0.0293	5.033	0.4195	0.0181	3308.95	.
MISSING VALUES :	9	3	4	8	3	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=PICKLE LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	86.0	60.20	8.91	17.82	6.06	23.490	4.050
MINIMUM :	1.2	2.80	0.56	0.27	0.40	0.816	0.067
ARITH. MEAN :	33.8	21.34	4.19	5.38	2.75	6.799	1.200
ARITH. STD. DEV :	26.9	19.71	2.65	5.13	1.74	6.632	1.236
GEOM. MEAN :	22.7	14.15	3.30	3.37	2.17	4.497	0.700
1ST QUARTILE :	14.0	5.51	2.09	1.61	1.45	2.336	0.265
2ND QUARTILE :	28.7	17.02	3.75	3.93	2.43	4.848	0.784
3RD QUARTILE :	39.4	28.73	6.37	7.50	4.20	9.221	1.616
VOL. WGT. MEAN :	.	21.34	4.19	5.38	2.75	6.798	1.199
MISSING VALUES :	0.0	1	1	1	1	1	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	3.240	5.796	17.010	2.106	0.243	0.0264	0.609	1.371
MINIMUM :	0.000	0.288	0.000	0.032	0.013	0.0000	0.014	0.078
ARITH. MEAN :	1.039	2.544	3.811	0.521	0.071	0.0077	0.187	0.500
ARITH. STD. DEV :	1.115	1.915	5.597	0.587	0.071	0.0105	0.224	0.472
GEOM. MEAN :	0.621	1.738	1.592	0.324	0.048	0.0101	0.096	0.324
1ST QUARTILE :	0.133	0.693	0.226	0.159	0.022	0.0000	0.035	0.094
2ND QUARTILE :	0.690	2.826	1.150	0.404	0.054	0.0027	0.096	0.442
3RD QUARTILE :	1.831	3.970	5.625	0.546	0.085	0.0174	0.388	0.771
VOL. WGT. MEAN :	1.039	2.544	3.811	0.521	0.067	0.0073	0.226	0.887
MISSING VALUES :	1	1	1	1	2	2	4	5

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	2.109	0.0344	1.083	0.0687	0.0096	6731.10	4555
MINIMUM :	0.000	0.0005	0.028	0.0024	0.0000	46.80	1.25
ARITH. MEAN :	0.416	0.0110	0.567	0.0307	0.0026	1363.86	633.79
ARITH. STD. DEV :	0.835	0.0131	0.370	0.0255	0.0034	2022.94	1396.1
GEOM. MEAN :	0.130	0.0056	0.369	0.0195	0.0035	624.20	94.71
1ST QUARTILE :	0.024	0.0030	0.158	0.0108	0.0000	266.19	13.44
2ND QUARTILE :	0.047	0.0054	0.610	0.0209	0.0008	600.43	158.32
3RD QUARTILE :	0.722	0.0219	0.867	0.0554	0.0051	1494.97	485.38
VOL. WGT. MEAN :	0.317	0.0104	0.481	0.0410	0.0024	1363.79	403.18
MISSING VALUES :	5	2	4	6	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=PORT STANLEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	108.0	361.80	56.17	120.91	31.56	96.900	32.732
MINIMUM :	3.0	109.71	21.50	25.50	5.04	6.870	5.000
ARITH. MEAN :	51.3	242.48	42.12	68.61	15.13	38.924	12.808
ARITH. STD. DEV :	30.3	82.65	11.08	31.02	9.28	24.931	7.441
GEOM. MEAN :	39.4	227.34	40.55	61.97	12.61	31.382	11.184
1ST QUARTILE :	23.9	151.20	38.71	37.80	6.48	17.767	6.435
2ND QUARTILE :	52.0	272.10	42.06	68.64	11.80	35.935	11.900
3RD QUARTILE :	75.9	296.06	52.59	90.25	22.43	56.070	14.305
VOL. WGT. MEAN :	.	224.84	39.05	60.40	15.13	36.092	12.808
MISSING VALUES :	0.0	1	1	2	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	34.850	17.922	74.460	8.670	0.909	0.1397	0.913	6.533
MINIMUM :	0.931	1.620	2.290	0.300	0.041	0.0000	0.336	1.903
ARITH. MEAN :	5.230	7.274	31.334	1.654	0.523	0.0254	0.589	3.514
ARITH. STD. DEV :	8.996	4.856	21.359	2.371	0.254	0.0398	0.201	1.545
GEOM. MEAN :	2.998	5.820	22.245	0.946	0.422	0.0308	0.557	3.241
1ST QUARTILE :	1.612	3.192	12.816	0.418	0.299	0.0000	0.364	2.426
2ND QUARTILE :	2.750	6.480	29.484	0.955	0.510	0.0130	0.611	3.053
3RD QUARTILE :	4.280	9.958	49.040	1.402	0.720	0.0402	0.751	5.046
VOL. WGT. MEAN :	5.230	7.274	29.054	1.534	0.460	0.0236	0.512	3.094
MISSING VALUES :	0	0	1	1	2	1	3	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.934	0.0428	22.025	0.1040	0.0139	8942.40	6359.5
MINIMUM :	0.000	0.0076	0.434	0.0139	0.0000	0.00	1.01
ARITH. MEAN :	0.645	0.0232	3.540	0.0536	0.0045	2965.48	1810.7
ARITH. STD. DEV :	1.117	0.0109	5.920	0.0307	0.0058	2696.24	2149.4
GEOM. MEAN :	1.934	0.0206	1.881	0.0446	0.0041	2161.56	331.41
1ST QUARTILE :	0.000	0.0149	0.927	0.0231	0.0000	788.00	33.36
2ND QUARTILE :	0.000	0.0212	2.007	0.0520	0.0004	1992.50	1229.6
3RD QUARTILE :	1.934	0.0330	2.865	0.0807	0.0109	4308.10	2653.5
VOL. WGT. MEAN :	0.653	0.0215	3.283	0.0529	0.0042	2965.48	7.32
MISSING VALUES :	10	1	1	4	1	0	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=QUETICO CENTRE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	210.0	167.96	31.75	47.80	25.20	44.100	8.075
MINIMUM :	15.1	0.00	3.10	1.59	0.00	3.180	0.220
ARITH. MEAN :	70.5	65.48	16.49	14.67	7.08	23.925	2.034
ARITH. STD. DEV :	60.3	56.43	9.85	14.33	7.17	16.504	2.254
GEOM. MEAN :	51.6	49.74	13.20	8.76	5.67	15.970	1.119
1ST QUARTILE :	22.0	12.08	6.84	2.20	2.38	3.473	0.238
2ND QUARTILE :	57.5	54.53	17.69	12.20	5.81	31.110	2.100
3RD QUARTILE :	77.9	115.50	23.44	21.70	7.32	38.114	2.440
VOL. WGT. MEAN :	.	65.48	16.49	14.67	7.08	23.925	2.034
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	29.190	16.151	43.260	3.780	0.646	0.0259	0.538	3.298
MINIMUM :	0.000	0.906	0.484	0.166	0.015	0.0000	0.040	0.223
ARITH. MEAN :	4.673	4.664	18.514	0.874	0.255	0.0051	0.175	1.569
ARITH. STD. DEV :	8.411	4.348	15.325	1.018	0.232	0.0080	0.242	1.147
GEOM. MEAN :	2.514	3.372	8.925	0.589	0.137	0.0065	0.095	1.083
1ST QUARTILE :	0.220	1.590	1.963	0.308	0.040	0.0000	0.043	0.319
2ND QUARTILE :	2.425	3.162	19.798	0.467	0.210	0.0026	0.062	1.775
3RD QUARTILE :	5.795	6.460	34.238	1.085	0.465	0.0104	0.421	2.320
VOL. WGT. MEAN :	4.673	4.664	18.514	0.874	0.255	0.0051	0.509	2.625
MISSING VALUES :	0	0	0	0	0	0	7	5

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	0.547	0.0840	1.598	0.0736	0.0672	11970	6795.5
MINIMUM :	0.000	0.0029	0.553	0.0184	0.0000	688.56	144.62
ARITH. MEAN :	0.190	0.0239	1.087	0.0466	0.0088	2697.80	1137.4
ARITH. STD. DEV :	0.217	0.0261	0.382	0.0276	0.0198	3181.35	1923.9
GEOM. MEAN :	0.153	0.0143	1.022	0.0402	0.0074	1910.50	574.64
1ST QUARTILE :	0.048	0.0060	0.708	0.0184	0.0000	1218.80	267.20
2ND QUARTILE :	0.081	0.0176	1.180	0.0479	0.0015	1510.90	441.91
3RD QUARTILE :	0.413	0.0258	1.366	0.0736	0.0060	3084.84	1082.5
VOL. WGT. MEAN :	0.258	0.0239	0.885	0.0648	0.0088	2697.80	649.27
MISSING VALUES :	5	0	3	8	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=SHALLOW LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	140.0	585.87	127.92	93.80	30.00	214.808	22.925
MINIMUM :	21.5	37.52	10.66	9.08	0.00	13.035	1.580
ARITH. MEAN :	82.4	261.83	51.84	40.20	14.33	57.302	8.299
ARITH. STD. DEV :	38.9	158.16	29.60	28.04	8.77	55.264	6.974
GEOM. MEAN :	72.2	214.63	44.03	31.44	13.60	42.614	5.817
1ST QUARTILE :	44.3	139.72	40.59	16.32	6.89	24.598	3.228
2ND QUARTILE :	82.0	222.70	47.52	33.32	16.56	35.510	3.960
3RD QUARTILE :	119.3	329.50	57.73	61.53	19.01	78.642	13.921
VOL. WGT. MEAN :	.	261.83	51.84	40.20	14.33	53.978	8.299
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	35.150	10.950	165.988	16.111	0.860	0.0949	2.246	5.397
MINIMUM :	0.395	1.310	3.950	0.000	0.049	0.0000	0.203	0.525
ARITH. MEAN :	6.266	5.814	43.253	1.863	0.299	0.0131	0.744	2.856
ARITH. STD. DEV :	9.770	3.778	40.835	4.554	0.295	0.0261	0.639	2.040
GEOM. MEAN :	2.873	4.480	31.338	0.739	0.193	0.0189	0.572	2.052
1ST QUARTILE :	1.227	1.972	20.358	0.054	0.093	0.0000	0.320	0.752
2ND QUARTILE :	1.980	5.908	32.472	0.283	0.140	0.0000	0.559	2.695
3RD QUARTILE :	6.565	9.783	54.810	1.388	0.561	0.0133	0.982	4.930
VOL. WGT. MEAN :	6.266	5.814	43.253	1.755	0.299	0.0131	0.740	3.126
MISSING VALUES :	0	0	0	1	0	0	4	4

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.439	0.0576	16.589	0.2020	0.0265	16877.5	10032
MINIMUM :	0.000	0.0000	0.424	0.0220	0.0000	526.75	1.08
ARITH. MEAN :	0.665	0.0306	2.236	0.1015	0.0052	6109.13	3409
ARITH. STD. DEV :	0.552	0.0180	4.328	0.0605	0.0079	4292.80	2850.4
GEOM. MEAN :	0.675	0.0289	1.212	0.0831	0.0095	4666.08	1417.9
1ST QUARTILE :	0.262	0.0149	0.828	0.0451	0.0000	2841.06	1243.1
2ND QUARTILE :	0.497	0.0294	1.040	0.0947	0.0000	4651.20	2399.9
3RD QUARTILE :	1.267	0.0477	1.363	0.1446	0.0078	8657.00	5558.7
VOL. WGT. MEAN :	0.695	0.0306	2.236	0.1275	0.0052	6109.13	3455.9
MISSING VALUES :	7	0	0	6	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=SMITHS FALLS MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	93.0	238.00	52.14	70.80	30.81	30.600	28.620
MINIMUM :	11.0	52.20	6.84	10.56	0.00	10.200	2.125
ARITH. MEAN :	54.3	130.61	27.92	28.18	9.92	23.841	8.885
ARITH. STD. DEV :	26.2	58.86	14.85	22.74	8.90	6.011	9.602
GEOM. MEAN :	47.3	116.45	23.82	21.92	8.22	22.935	5.745
1ST QUARTILE :	33.0	58.50	15.96	12.16	4.77	20.520	2.660
2ND QUARTILE :	47.0	150.10	30.36	16.80	8.47	25.080	4.830
3RD QUARTILE :	82.0	164.50	42.24	53.72	12.32	27.730	13.430
VOL. WGT. MEAN :	.	143.70	30.72	31.00	10.91	26.229	9.775
MISSING VALUES :	0.0	2	2	2	2	2	2

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	3.160	21.725	27.200	1.007	0.780	0.0395	0.404	2.776
MINIMUM :	0.880	0.720	5.500	0.000	0.053	0.0000	0.187	0.000
ARITH. MEAN :	1.801	5.367	16.119	0.355	0.217	0.0117	0.325	1.425
ARITH. STD. DEV :	0.658	6.562	7.089	0.294	0.201	0.0132	0.084	0.946
GEOM. MEAN :	1.698	3.063	14.464	0.313	0.168	0.0199	0.315	1.433
1ST QUARTILE :	1.410	1.590	10.388	0.150	0.114	0.0000	0.249	0.665
2ND QUARTILE :	1.620	3.000	17.014	0.276	0.144	0.0110	0.349	1.420
3RD QUARTILE :	2.250	5.170	21.000	0.450	0.276	0.0183	0.390	2.195
VOL. WGT. MEAN :	1.982	5.905	17.733	0.390	0.239	0.0129	0.355	1.659
MISSING VALUES :	2	2	2	2	2	2	8	5

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.497	0.0376	1.120	0.0675	0.0864	6881.60	4618.3
MINIMUM :	0.092	0.0099	0.367	0.0075	0.0000	507.00	2.28
ARITH. MEAN :	0.249	0.0199	0.620	0.0384	0.0104	3069.05	1759.6
ARITH. STD. DEV :	0.217	0.0104	0.274	0.0187	0.0255	2380.55	1661.1
GEOM. MEAN :	0.194	0.0177	0.573	0.0328	0.0074	2137.94	463.10
1ST QUARTILE :	0.092	0.0120	0.399	0.0268	0.0000	907.20	146.66
2ND QUARTILE :	0.159	0.0152	0.588	0.0372	0.0014	3359.20	1748.9
3RD QUARTILE :	0.497	0.0316	0.823	0.0527	0.0060	4676.80	2676.9
VOL. WGT. MEAN :	0.360	0.0219	0.698	0.0452	0.0114	3376.44	464.64
MISSING VALUES :	10	2	4	5	2	2	2.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=SUTTON MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	160.0	648.00	73.60	41.36	36.80	73.600	4.230
MINIMUM :	5.0	25.50	2.60	2.50	0.00	10.120	0.275
ARITH. MEAN :	76.1	206.03	39.42	17.70	11.67	33.956	2.309
ARITH. STD. DEV :	42.8	177.31	22.43	10.47	9.81	19.774	1.447
GEOM. MEAN :	59.2	152.06	30.44	14.35	10.05	29.016	1.715
1ST QUARTILE :	37.4	96.82	19.81	10.24	6.49	17.950	0.749
2ND QUARTILE :	80.0	160.00	42.07	17.60	9.12	29.654	2.139
3RD QUARTILE :	108.5	235.61	55.42	24.40	14.18	41.792	3.634
VOL. WGT. MEAN :	.	206.03	39.42	17.70	11.67	31.503	2.309
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	10.022	12.220	64.000	3.515	0.494	0.2850	1.916	5.468
MINIMUM :	0.000	0.772	5.280	0.000	0.005	0.0000	0.085	0.000
ARITH. MEAN :	2.577	4.803	27.088	0.685	0.229	0.0284	0.780	1.807
ARITH. STD. DEV :	2.743	3.909	17.979	0.952	0.146	0.0776	0.698	1.761
GEOM. MEAN :	1.844	3.517	21.944	0.624	0.158	0.0257	0.514	1.304
1ST QUARTILE :	0.492	2.210	12.918	0.023	0.090	0.0000	0.264	0.363
2ND QUARTILE :	2.080	3.200	22.680	0.546	0.220	0.0000	0.470	1.118
3RD QUARTILE :	3.277	7.488	33.444	0.773	0.332	0.0166	1.578	3.151
VOL. WGT. MEAN :	2.391	4.803	25.131	0.636	0.229	0.0284	0.716	1.748
MISSING VALUES :	1	0	1	1	0	0	6	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	7.331	0.1081	4.170	0.3036	0.0160	16640	11861
MINIMUM :	0.000	0.0035	0.132	0.0194	0.0000	11.90	0.09
ARITH. MEAN :	1.531	0.0431	1.897	0.0825	0.0038	5828.68	4082
ARITH. STD. DEV :	3.245	0.0262	1.618	0.0934	0.0060	4271.16	3422.6
GEOM. MEAN :	1.544	0.0336	1.119	0.0563	0.0071	3311.77	1474.1
1ST QUARTILE :	0.000	0.0240	0.516	0.0315	0.0000	3453.20	1840.2
2ND QUARTILE :	0.000	0.0428	0.972	0.0434	0.0000	5423.70	3741.9
3RD QUARTILE :	3.828	0.0546	3.640	0.0939	0.0104	6556.48	4421.2
VOL. WGT. MEAN :	1.368	0.0431	1.856	0.0811	0.0038	5828.68	3492.4
MISSING VALUES :	8	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=TURKEY LAKES MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES	13.0	13	13	13	13	13	13
MAXIMUM	242.0	629.20	73.81	74.82	14.04	82.280	8.470
MINIMUM	23.0	76.51	14.72	8.16	0.00	19.780	0.000
ARITH. MEAN	110.6	235.81	48.77	28.42	9.10	50.058	4.460
ARITH. STD. DEV	58.9	153.49	18.12	19.77	4.48	17.790	3.060
GEOM. MEAN	95.6	196.76	44.70	23.01	8.99	46.797	3.982
1ST QUARTILE	71.1	116.84	37.31	14.02	4.50	35.062	1.885
2ND QUARTILE	106.5	183.88	48.99	17.02	10.32	47.880	3.450
3RD QUARTILE	132.5	329.20	64.35	45.10	12.31	65.090	7.959
VOL. WGT. MEAN	.	235.81	48.77	28.42	9.10	50.058	4.460
MISSING VALUES	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	9.675	8.464	81.312	2.558	2.322	0.0339	0.855	4.665
MINIMUM	0.546	1.380	16.054	0.000	0.109	0.0000	0.178	0.000
ARITH. MEAN	3.560	4.377	41.879	0.658	0.572	0.0086	0.460	2.128
ARITH. STD. DEV	2.573	2.158	19.159	0.853	0.649	0.0125	0.247	1.452
GEOM. MEAN	2.801	3.824	37.893	0.523	0.371	0.0208	0.405	2.066
1ST QUARTILE	1.910	2.516	27.072	0.069	0.199	0.0000	0.265	1.301
2ND QUARTILE	2.576	4.240	41.307	0.272	0.256	0.0000	0.401	1.637
3RD QUARTILE	5.052	6.143	54.766	1.135	0.695	0.0179	0.722	3.146
VOL. WGT. MEAN	3.560	4.377	41.879	0.658	0.572	0.0086	0.444	2.223
MISSING VALUES	0	0	0	0	0	0	5	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES	13	13	13	13	13	13	13.00
MAXIMUM	7.325	0.0968	2.485	0.0860	0.0258	27346	17531
MINIMUM	0.000	0.0082	0.477	0.0257	0.0000	1179.90	267.13
ARITH. MEAN	2.535	0.0353	1.160	0.0618	0.0069	7325.95	4236.7
ARITH. STD. DEV	2.888	0.0230	0.596	0.0281	0.0103	6921.87	4629.2
GEOM. MEAN	2.328	0.0290	1.032	0.0558	0.0099	5356.63	2555.3
1ST QUARTILE	0.484	0.0197	0.627	0.0326	0.0000	3206.27	1427.4
2ND QUARTILE	1.381	0.0294	1.060	0.0678	0.0000	6153.59	3275.7
3RD QUARTILE	5.163	0.0453	1.613	0.0850	0.0184	7151.60	4422.7
VOL. WGT. MEAN	2.236	0.0353	1.159	0.0679	0.0069	7325.95	2933.3
MISSING VALUES	8	0	1	9	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=UXBRIDGE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	102.0	275.40	46.02	55.46	34.50	101.430	8.850
MINIMUM :	10.0	39.10	7.14	4.94	1.36	6.707	0.529
ARITH. MEAN :	50.8	138.67	27.10	29.27	13.53	30.790	3.750
ARITH. STD. DEV :	27.0	85.10	13.21	17.14	10.63	27.591	2.414
GEOM. MEAN :	43.1	113.47	23.51	23.18	9.71	22.281	2.872
1ST QUARTILE :	30.6	62.46	14.29	11.84	5.90	11.740	1.602
2ND QUARTILE :	46.0	124.32	31.02	25.76	12.42	21.756	3.450
3RD QUARTILE :	67.5	230.65	38.24	42.32	20.41	43.356	5.137
VOL. WGT. MEAN :	.	138.67	27.10	29.27	13.53	30.790	3.750
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	15.870	21.000	82.800	6.141	2.131	0.0424	0.505	4.601
MINIMUM :	0.176	0.340	5.200	0.000	0.046	0.0000	0.170	0.740
ARITH. MEAN :	2.697	6.376	24.217	0.941	0.391	0.0068	0.380	2.309
ARITH. STD. DEV :	4.180	6.985	23.310	1.647	0.547	0.0120	0.116	1.076
GEOM. MEAN :	1.351	3.348	16.131	0.502	0.227	0.0105	0.361	2.080
1ST QUARTILE :	0.705	1.429	6.859	0.091	0.095	0.0000	0.315	1.622
2ND QUARTILE :	1.110	2.550	13.142	0.250	0.281	0.0000	0.395	2.123
3RD QUARTILE :	2.698	11.835	35.718	0.989	0.437	0.0094	0.483	2.752
VOL. WGT. MEAN :	2.697	6.376	24.217	0.941	0.391	0.0068	0.340	2.122
MISSING VALUES :	0	0	0	0	0	0	6	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.196	0.2178	2.191	0.1396	0.0101	6375.60	3835.2
MINIMUM :	0.000	0.0050	0.202	0.0122	0.0000	523.00	64.39
ARITH. MEAN :	0.358	0.0361	0.897	0.0561	0.0024	2636.02	1367.4
ARITH. STD. DEV :	0.403	0.0566	0.597	0.0526	0.0038	1665.66	1140.8
GEOM. MEAN :	0.373	0.0197	0.730	0.0377	0.0036	2116.15	779.93
1ST QUARTILE :	0.042	0.0080	0.475	0.0136	0.0000	1208.30	313.29
2ND QUARTILE :	0.257	0.0178	0.740	0.0417	0.0000	2277.00	1415.3
3RD QUARTILE :	0.596	0.0388	1.291	0.1058	0.0047	3535.44	2192.6
VOL. WGT. MEAN :	0.372	0.0361	0.840	0.0845	0.0024	2636.02	1103.5
MISSING VALUES :	5	0	1	8	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=WATERLOO MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	139.0	524.80	66.72	55.00	30.41	80.620	10.725
MINIMUM :	15.0	59.80	11.85	10.56	0.00	14.820	2.520
ARITH. MEAN :	63.7	218.33	35.69	29.90	12.33	40.920	5.745
ARITH. STD. DEV :	41.9	151.94	19.36	13.64	8.30	22.896	2.493
GEOM. MEAN :	50.3	176.59	30.90	26.80	11.38	35.098	5.264
1ST QUARTILE :	24.6	101.44	19.93	20.22	7.03	22.502	3.901
2ND QUARTILE :	55.0	202.40	26.40	30.00	11.70	27.608	5.395
3RD QUARTILE :	95.0	262.66	52.80	40.25	14.79	60.800	7.137
VOL. WGT. MEAN :	.	218.33	35.69	29.90	12.33	40.920	5.745
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	5.060	11.281	68.944	2.176	0.786	0.0392	0.772	4.150
MINIMUM :	0.860	1.050	7.540	0.000	0.086	0.0000	0.185	0.000
ARITH. MEAN :	2.348	4.581	34.743	0.720	0.272	0.0138	0.465	1.806
ARITH. STD. DEV :	1.241	2.783	21.138	0.620	0.232	0.0158	0.209	1.063
GEOM. MEAN :	2.072	3.793	28.494	0.684	0.206	0.0229	0.421	1.761
1ST QUARTILE :	1.485	2.340	17.792	0.238	0.107	0.0000	0.288	1.285
2ND QUARTILE :	1.950	4.408	23.650	0.624	0.158	0.0104	0.443	1.624
3RD QUARTILE :	3.149	6.185	57.604	1.029	0.339	0.0332	0.663	2.193
VOL. WGT. MEAN :	2.348	4.581	34.743	0.720	0.272	0.0138	0.453	1.806
MISSING VALUES :	0	0	0	0	0	0	4	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.742	0.0785	2.743	0.0861	0.0177	12492.8	9488.8
MINIMUM :	0.000	0.0000	0.364	0.0131	0.0000	574.60	23.17
ARITH. MEAN :	0.313	0.0229	1.116	0.0439	0.0036	4522.96	2830
ARITH. STD. DEV :	0.336	0.0209	0.701	0.0272	0.0064	4043.85	3145.9
GEOM. MEAN :	0.237	0.0192	0.936	0.0365	0.0049	3018.29	1310.3
1ST QUARTILE :	0.049	0.0088	0.529	0.0223	0.0000	1407.87	551.67
2ND QUARTILE :	0.177	0.0180	1.003	0.0357	0.0000	2766.50	1429.8
3RD QUARTILE :	0.725	0.0263	1.620	0.0743	0.0071	7277.81	4057.8
VOL. WGT. MEAN :	0.337	0.0229	1.169	0.0571	0.0036	4522.96	859.08
MISSING VALUES :	7	0	1	4	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=WHITNEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	97.0	260.00	57.27	26.04	18.98	49.290	4.185
MINIMUM :	7.0	20.65	4.06	6.24	0.00	5.950	0.780
ARITH. MEAN :	59.2	140.91	30.93	13.10	7.14	21.838	1.976
ARITH. STD. DEV :	27.2	77.60	14.37	5.82	6.42	10.390	1.109
GEOM. MEAN :	50.3	116.94	26.59	12.00	7.28	19.708	1.718
1ST QUARTILE :	42.0	75.30	20.25	8.64	0.52	15.835	1.030
2ND QUARTILE :	52.0	124.80	28.56	12.04	7.20	18.980	1.505
3RD QUARTILE :	81.5	214.50	40.80	17.03	11.80	26.510	2.545
VOL. WGT. MEAN :	.	140.91	30.93	13.10	7.14	21.838	1.976
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	5.335	7.055	40.362	1.280	0.372	0.0211	1.057	6.466
MINIMUM :	0.000	0.665	1.591	0.000	0.051	0.0000	0.060	0.337
ARITH. MEAN :	1.747	3.049	16.220	0.447	0.143	0.0060	0.323	2.009
ARITH. STD. DEV :	1.566	2.054	10.358	0.365	0.095	0.0077	0.331	1.731
GEOM. MEAN :	1.348	2.415	12.250	0.376	0.120	0.0119	0.215	1.489
1ST QUARTILE :	0.515	1.200	8.160	0.173	0.079	0.0000	0.091	0.689
2ND QUARTILE :	1.435	2.790	15.768	0.292	0.097	0.0000	0.202	1.809
3RD QUARTILE :	2.395	4.810	22.430	0.715	0.212	0.0128	0.466	2.338
VOL. WGT. MEAN :	1.747	3.049	16.220	0.447	0.143	0.0060	0.322	2.060
MISSING VALUES :	0	0	0	0	0	0	5	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	2.252	0.0388	1.312	0.0662	0.0133	7866.70	5209.2
MINIMUM :	0.000	0.0028	0.304	0.0100	0.0000	207.20	13.59
ARITH. MEAN :	0.519	0.0210	0.802	0.0296	0.0029	4022.88	2464.7
ARITH. STD. DEV :	0.974	0.0116	0.345	0.0185	0.0043	2248.99	1608.8
GEOM. MEAN :	0.370	0.0171	0.725	0.0250	0.0049	3105.35	1264.7
1ST QUARTILE :	0.000	0.0107	0.506	0.0120	0.0000	2291.30	1480.3
2ND QUARTILE :	0.087	0.0204	0.814	0.0304	0.0000	3666.90	1927.4
3RD QUARTILE :	1.255	0.0326	1.110	0.0321	0.0049	6011.55	3809.2
VOL. WGT. MEAN :	0.480	0.0210	0.779	0.0345	0.0029	4022.88	1633.9
MISSING VALUES :	8	0	3	6	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=WILBERFORCE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	131.0	345.00	83.62	47.46	37.29	68.250	10.250
MINIMUM :	3.3	5.10	1.68	0.92	0.00	2.210	0.085
ARITH. MEAN :	65.6	187.35	43.41	17.24	10.52	28.274	2.894
ARITH. STD. DEV :	39.2	119.41	22.91	15.40	9.89	20.533	2.986
GEOM. MEAN :	47.1	116.74	32.85	10.23	6.71	18.886	1.546
1ST QUARTILE :	29.0	82.80	30.93	5.98	2.35	11.482	0.850
2ND QUARTILE :	69.0	192.15	43.04	13.42	11.25	23.700	2.135
3RD QUARTILE :	96.0	292.37	59.05	28.20	13.60	47.110	3.997
VOL. WGT. MEAN :	.	187.35	40.88	17.24	10.52	27.418	2.894
MISSING VALUES :	0.0	0	1	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	4.100	21.470	56.250	2.096	0.525	0.0476	0.868	3.264
MINIMUM :	0.148	0.099	0.204	0.000	0.013	0.0000	0.018	0.000
ARITH. MEAN :	1.783	4.515	25.248	0.377	0.167	0.0110	0.369	1.556
ARITH. STD. DEV :	1.223	5.641	17.595	0.598	0.146	0.0147	0.303	1.103
GEOM. MEAN :	1.250	2.262	14.405	0.253	0.109	0.0193	0.219	1.437
1ST QUARTILE :	0.570	1.570	10.611	0.009	0.068	0.0000	0.091	0.846
2ND QUARTILE :	2.000	2.250	22.632	0.151	0.126	0.0054	0.364	1.101
3RD QUARTILE :	2.670	6.075	38.238	0.619	0.231	0.0209	0.580	2.697
VOL. WGT. MEAN :	1.783	4.515	25.248	0.366	0.162	0.0107	0.372	1.381
MISSING VALUES :	0	0	0	1	1	1	7	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FRESH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.363	0.0904	2.068	0.1090	0.0248	8803.20	6270.1
MINIMUM :	0.000	0.0013	0.042	0.0064	0.0000	244.53	81.37
ARITH. MEAN :	0.151	0.0325	1.016	0.0521	0.0088	5599.98	3867.6
ARITH. STD. DEV :	0.140	0.0254	0.639	0.0412	0.0103	3045.49	2127.8
GEOM. MEAN :	0.187	0.0211	0.725	0.0340	0.0110	3792.98	2413.6
1ST QUARTILE :	0.000	0.0110	0.504	0.0119	0.0000	3228.00	2194.8
2ND QUARTILE :	0.130	0.0278	0.950	0.0410	0.0033	6532.00	4393.2
3RD QUARTILE :	0.299	0.0485	1.525	0.0969	0.0198	7851.50	5359.1
VOL. WGT. MEAN :	0.143	0.0315	0.901	0.0535	0.0085	5599.98	3458.2
MISSING VALUES :	6	1	3	5	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=WILKESPORT MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	113.0	1319.50	94.25	127.40	72.80	56.100	44.850
MINIMUM :	8.0	27.20	6.00	8.96	0.00	5.360	1.520
ARITH. MEAN :	40.0	280.19	38.42	45.88	22.66	32.621	10.356
ARITH. STD. DEV :	29.3	351.30	23.99	35.66	22.51	16.687	12.224
GEOM. MEAN :	30.2	186.82	31.62	34.03	17.05	27.427	6.566
1ST QUARTILE :	11.8	141.60	23.31	16.96	5.83	20.016	2.650
2ND QUARTILE :	37.0	197.64	36.40	39.90	17.93	32.530	7.980
3RD QUARTILE :	55.0	222.00	48.59	68.34	28.22	48.400	13.400
VOL. WGT. MEAN :	.	247.42	33.93	40.52	20.01	30.120	9.145
MISSING VALUES :	0.0	2	2	2	2	3	2

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	4.400	39.650	46.000	2.424	0.680	0.1452	5.417	8.514
MINIMUM :	0.360	1.110	3.360	0.000	0.106	0.0000	0.251	0.000
ARITH. MEAN :	2.404	10.652	28.747	0.628	0.270	0.0311	1.201	2.849
ARITH. STD. DEV :	1.482	13.463	13.453	0.824	0.174	0.0432	1.875	2.700
GEOM. MEAN :	1.854	5.102	23.592	0.469	0.228	0.0353	0.639	2.247
1ST QUARTILE :	1.077	1.710	19.414	0.090	0.130	0.0000	0.286	1.025
2ND QUARTILE :	2.238	3.400	34.836	0.260	0.224	0.0199	0.460	2.336
3RD QUARTILE :	4.125	16.128	37.132	0.973	0.376	0.0476	0.994	3.481
VOL. WGT. MEAN :	2.220	9.407	26.543	0.580	0.239	0.0275	1.079	2.516
MISSING VALUES :	3	2	3	3	2	2	6	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	2.708	0.0585	3.761	0.4160	0.0461	9480.70	6209.8
MINIMUM :	0.000	0.0104	0.349	0.0425	0.0000	337.20	2.01
ARITH. MEAN :	0.852	0.0264	1.645	0.1331	0.0085	2920.01	1579.5
ARITH. STD. DEV :	1.256	0.0175	1.181	0.1429	0.0139	2813.74	2030.9
GEOM. MEAN :	0.635	0.0221	1.254	0.0931	0.0068	1737.99	211.18
1ST QUARTILE :	0.045	0.0146	0.553	0.0429	0.0000	451.08	17.35
2ND QUARTILE :	0.351	0.0160	1.526	0.0842	0.0030	2196.00	877.97
3RD QUARTILE :	2.161	0.0373	2.347	0.2007	0.0122	4810.00	3344.1
VOL. WGT. MEAN :	0.770	0.0233	1.453	0.0982	0.0075	2578.48	.
MISSING VALUES :	9	2	2	7	2	2	2.00

PART VI

SUMMARY STATISTICS OF WET DEPOSITION BY REGION

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
REGION=CE

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	63.0	63	63	63	63	63	63
MAXIMUM :	151.0	708.75	101.48	114.10	93.62	150.960	13.300
MINIMUM :	3.3	5.10	1.68	0.92	0.00	2.210	0.085
ARITH. MEAN :	58.9	174.17	35.80	22.78	12.53	32.842	3.228
ARITH. STD. DEV :	34.0	123.62	20.37	19.02	13.84	28.483	2.694
GEOM. MEAN :	46.3	125.46	28.37	15.51	8.26	22.943	2.177
1ST QUARTILE :	35.0	87.18	19.50	8.96	5.46	15.040	1.326
2ND QUARTILE :	57.0	162.27	36.00	16.93	9.04	24.350	2.375
3RD QUARTILE :	81.0	246.80	46.02	36.04	15.15	43.204	4.552
VOL. WGT. MEAN :	.	169.02	34.32	22.11	12.16	31.465	3.132
MISSING VALUES :	0.0	3	4	3	3	5	3

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	63	63	63	63	63	63	63	63
MAXIMUM :	27.380	34.020	93.100	15.392	2.131	0.0476	1.702	4.601
MINIMUM :	0.000	0.000	0.204	0.000	0.013	0.0000	0.018	0.000
ARITH. MEAN :	2.743	5.116	26.100	0.787	0.231	0.0091	0.438	1.790
ARITH. STD. DEV :	4.207	6.316	21.760	2.169	0.292	0.0121	0.348	1.029
GEOM. MEAN :	1.582	2.785	17.183	0.364	0.148	0.0140	0.324	1.526
1ST QUARTILE :	0.912	1.513	9.395	0.055	0.090	0.0000	0.195	1.079
2ND QUARTILE :	1.847	2.505	21.512	0.217	0.154	0.0015	0.365	1.652
3RD QUARTILE :	2.722	7.142	33.726	0.682	0.302	0.0162	0.502	2.518
VOL. WGT. MEAN :	2.662	4.965	25.328	0.754	0.222	0.0088	0.400	1.662
MISSING VALUES :	3	3	3	5	4	4	31	15

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	63	63	63	63	63	63	63.00
MAXIMUM :	1.216	0.2178	2.679	0.9986	0.0422	14490	11251
MINIMUM :	0.000	0.0013	0.042	0.0064	0.0000	244.53	15.28
ARITH. MEAN :	0.286	0.0294	1.069	0.0867	0.0054	4403.89	2760.4
ARITH. STD. DEV :	0.350	0.0309	0.678	0.1705	0.0086	2988.83	2200
GEOM. MEAN :	0.274	0.0202	0.824	0.0458	0.0060	3178.03	1589.6
1ST QUARTILE :	0.043	0.0129	0.508	0.0201	0.0000	1912.52	880.56
2ND QUARTILE :	0.177	0.0240	0.929	0.0538	0.0012	4305.00	2573.7
3RD QUARTILE :	0.330	0.0368	1.685	0.0831	0.0088	6339.70	4243.6
VOL. WGT. MEAN :	0.262	0.0284	0.968	0.0847	0.0052	4273.68	1340.9
MISSING VALUES :	34	4	13	30	4	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
REGION=NE

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	120.0	120	120	120	120	120	120
MAXIMUM :	242.0	767.35	102.00	294.14	269.24	826.800	48.510
MINIMUM :	5.0	8.32	1.03	0.00	0.00	2.442	0.000
ARITH. MEAN :	72.0	161.86	33.24	18.00	13.54	42.255	3.460
ARITH. STD. DEV :	40.0	122.64	21.54	29.43	30.94	80.291	6.339
GEOM. MEAN :	60.2	119.38	25.90	11.93	7.69	25.991	2.107
1ST QUARTILE :	43.3	76.58	18.17	6.81	3.75	16.000	1.025
2ND QUARTILE :	69.6	140.19	27.13	11.54	7.06	25.000	2.057
3RD QUARTILE :	95.8	209.62	44.23	17.44	11.90	42.680	3.400
VOL. WGT. MEAN :	.	161.86	33.24	18.00	13.54	42.058	3.460
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	120	120	120	120	120	120	120	120
MAXIMUM :	397.320	168.540	128.140	21.945	2.322	1.6160	11.622	15.636
MINIMUM :	0.000	0.000	1.000	0.000	0.011	0.0000	0.060	0.000
ARITH. MEAN :	7.103	6.341	26.853	1.218	0.230	0.0340	0.599	1.850
ARITH. STD. DEV :	36.794	17.712	25.413	3.138	0.300	0.1576	1.300	2.105
GEOM. MEAN :	2.004	2.931	17.698	0.530	0.148	0.0242	0.372	1.485
1ST QUARTILE :	0.835	1.550	11.227	0.022	0.087	0.0000	0.223	0.725
2ND QUARTILE :	1.972	2.590	20.160	0.270	0.143	0.0000	0.372	1.471
3RD QUARTILE :	3.124	4.709	32.519	0.750	0.256	0.0208	0.625	2.219
VOL. WGT. MEAN :	7.103	6.341	26.853	1.212	0.227	0.0336	0.581	1.979
MISSING VALUES :	0	0	0	1	2	2	39	28

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	120	120	120	120	120	120	120.00
MAXIMUM :	7.325	0.0968	4.494	2.0641	0.1440	27346	17531
MINIMUM :	0.000	0.0025	0.234	0.0100	0.0000	111.00	0.45
ARITH. MEAN :	0.762	0.0244	0.984	0.1225	0.0092	4733.30	2785.9
ARITH. STD. DEV :	1.321	0.0160	0.719	0.2713	0.0203	3626.39	2536.1
GEOM. MEAN :	0.727	0.0192	0.816	0.0701	0.0078	3503.00	1353.6
1ST QUARTILE :	0.000	0.0125	0.550	0.0337	0.0000	2438.37	1156.1
2ND QUARTILE :	0.370	0.0216	0.774	0.0759	0.0007	4083.80	2350.7
3RD QUARTILE :	1.003	0.0339	1.161	0.1077	0.0116	6376.20	3575.5
VOL. WGT. MEAN :	0.733	0.0241	0.917	0.1280	0.0091	4733.30	556.52
MISSING VALUES :	82	2	24	62	2	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION

REGION=NW

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	81.0	81	81	81	81	81	81
MAXIMUM :	215.0	215.00	58.05	47.80	161.85	152.100	8.400
MINIMUM :	1.2	0.00	0.00	0.16	0.00	0.247	0.013
ARITH. MEAN :	60.0	64.73	14.33	12.83	7.14	25.313	2.268
ARITH. STD. DEV :	51.4	57.80	11.17	11.00	18.63	26.601	2.122
GEOM. MEAN :	40.8	40.94	10.12	7.81	3.96	14.196	1.294
1ST QUARTILE :	27.7	19.62	5.91	3.91	2.24	7.236	0.709
2ND QUARTILE :	40.0	49.14	11.54	10.50	4.02	20.625	1.687
3RD QUARTILE :	79.4	107.09	20.85	18.47	6.60	37.926	2.805
VOL. WGT. MEAN :	.	64.86	14.36	12.91	7.16	25.100	2.282
MISSING VALUES :	0.0	5	5	4	5	6	4

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	81	81	81	81	81	81	81	81
MAXIMUM :	37.050	23.100	137.670	10.530	0.860	0.0687	2.010	12.544
MINIMUM :	0.000	0.188	0.000	0.000	0.001	0.0000	0.006	0.000
ARITH. MEAN :	3.155	4.103	17.578	0.999	0.204	0.0063	0.297	1.560
ARITH. STD. DEV :	5.754	3.970	20.676	1.435	0.218	0.0115	0.398	2.227
GEOM. MEAN :	1.508	2.848	8.640	0.549	0.106	0.0089	0.147	0.863
1ST QUARTILE :	0.262	2.065	3.378	0.241	0.038	0.0000	0.067	0.306
2ND QUARTILE :	1.254	2.955	12.765	0.632	0.122	0.0000	0.132	0.922
3RD QUARTILE :	3.322	4.841	25.896	1.326	0.277	0.0093	0.376	1.964
VOL. WGT. MEAN :	3.147	4.129	17.598	0.991	0.203	0.0063	0.371	2.064
MISSING VALUES :	5	4	4	6	5	5	44	30

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	81	81	81	81	81	81	81.00
MAXIMUM :	138.908	0.0860	6.177	7.0459	0.0672	11970	6795.5
MINIMUM :	0.000	0.0000	0.028	0.0024	0.0000	34.65	0.45
ARITH. MEAN :	3.918	0.0209	1.148	0.3137	0.0048	1928.84	617.06
ARITH. STD. DEV :	22.201	0.0213	1.255	1.3463	0.0109	1863.51	993.94
GEOM. MEAN :	0.213	0.0124	0.759	0.0464	0.0046	1240.16	179.34
1ST QUARTILE :	0.010	0.0057	0.475	0.0209	0.0000	722.82	62.43
2ND QUARTILE :	0.086	0.0145	0.737	0.0423	0.0000	1477.77	334.01
3RD QUARTILE :	0.368	0.0286	1.309	0.0736	0.0050	2452.96	762.12
VOL. WGT. MEAN :	3.743	0.0208	1.001	0.3787	0.0048	1932.59	1112.6
MISSING VALUES :	42	5	20	54	5	5	5.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION

REGION=SE

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	50.0	50	50	50	50	50	50
MAXIMUM :	109.0	393.75	63.84	104.64	40.32	134.400	28.620
MINIMUM :	1.3	1.30	0.00	0.26	0.00	0.195	0.039
ARITH. MEAN :	53.3	148.52	31.11	26.21	11.92	30.216	4.786
ARITH. STD. DEV :	26.2	89.13	15.49	24.55	9.92	24.664	5.982
GEOM. MEAN :	44.0	114.99	26.65	16.95	7.98	22.117	2.777
1ST QUARTILE :	32.8	77.51	18.30	9.30	4.81	15.040	1.702
2ND QUARTILE :	51.5	147.22	31.11	16.68	8.57	23.805	2.956
3RD QUARTILE :	73.8	198.30	42.51	33.01	17.68	39.240	5.085
VOL. WGT. MEAN :	.	149.46	31.30	26.38	12.00	30.406	4.816
MISSING VALUES :	0.0	6	6	6	6	6	6

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	50	50	50	50	50	50	50	50
MAXIMUM :	31.065	27.200	78.020	12.285	1.635	1.6740	3.066	2.989
MINIMUM :	0.033	0.084	0.000	0.000	0.004	0.0000	0.005	0.000
ARITH. MEAN :	3.464	6.463	20.451	0.972	0.261	0.0559	0.559	1.235
ARITH. STD. DEV :	5.766	6.996	15.431	2.166	0.290	0.2510	0.589	0.919
GEOM. MEAN :	1.864	3.586	15.413	0.391	0.176	0.0233	0.377	1.183
1ST QUARTILE :	1.360	1.762	9.615	0.157	0.111	0.0000	0.280	0.530
2ND QUARTILE :	1.705	3.101	16.430	0.337	0.187	0.0128	0.370	0.967
3RD QUARTILE :	3.064	9.851	25.999	0.660	0.281	0.0273	0.607	2.057
VOL. WGT. MEAN :	3.486	6.504	20.580	0.979	0.262	0.0563	0.514	1.305
MISSING VALUES :	6	6	6	6	6	6	22	14

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	50	50	50	50	50	50	50.00
MAXIMUM :	1.635	0.0376	2.153	0.1574	0.0864	10112	7544.4
MINIMUM :	0.000	0.0003	0.022	0.0016	0.0000	55.38	0.94
ARITH. MEAN :	0.339	0.0199	0.884	0.0493	0.0065	3653.96	2186.3
ARITH. STD. DEV :	0.479	0.0104	0.491	0.0423	0.0140	2385.97	1691
GEOM. MEAN :	0.210	0.0158	0.719	0.0329	0.0049	2634.58	886.95
1ST QUARTILE :	0.083	0.0114	0.458	0.0180	0.0000	1349.20	634.14
2ND QUARTILE :	0.159	0.0184	0.909	0.0372	0.0014	3365.50	2124.7
3RD QUARTILE :	0.497	0.0302	1.133	0.0679	0.0085	5140.70	3390.8
VOL. WGT. MEAN :	0.452	0.0200	0.877	0.0520	0.0066	3676.95	1579.5
MISSING VALUES :	39	6	13	24	6	6	6.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
REGION=SW

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	104.0	104	104	104	104	104	104
MAXIMUM :	140.0	1528.80	134.94	140.18	179.40	214.808	145.080
MINIMUM :	3.0	27.20	3.25	7.01	0.00	5.360	1.520
ARITH. MEAN :	54.0	236.36	38.31	42.36	17.07	40.699	10.298
ARITH. STD. DEV :	34.5	212.55	22.63	29.54	21.18	28.782	15.901
GEOM. MEAN :	41.9	184.49	32.19	33.72	12.79	33.039	6.831
1ST QUARTILE :	23.0	126.96	21.12	20.52	6.33	22.910	3.769
2ND QUARTILE :	49.5	194.38	38.39	33.34	11.80	33.985	6.432
3RD QUARTILE :	77.0	283.91	48.33	60.40	21.11	55.375	12.250
VOL. WGT. MEAN :	.	229.27	37.16	41.00	16.72	39.416	10.087
MISSING VALUES :	0.0	8	8	10	7	12	7

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	104	104	104	104	104	104	104	104
MAXIMUM :	48.760	44.051	184.860	16.111	0.988	0.4368	5.417	35.824
MINIMUM :	0.000	0.800	2.290	0.000	0.041	0.0000	0.185	0.000
ARITH. MEAN :	4.575	7.144	34.021	1.068	0.304	0.0210	0.746	3.084
ARITH. STD. DEV :	7.407	8.150	28.334	2.032	0.241	0.0524	0.832	4.410
GEOM. MEAN :	2.614	4.628	25.170	0.652	0.222	0.0243	0.563	2.167
1ST QUARTILE :	1.305	2.367	17.486	0.256	0.115	0.0000	0.360	1.244
2ND QUARTILE :	2.640	4.500	27.720	0.475	0.216	0.0054	0.557	2.034
3RD QUARTILE :	4.400	9.228	45.865	1.271	0.435	0.0199	0.749	3.229
VOL. WGT. MEAN :	4.501	6.998	32.992	1.035	0.291	0.0202	0.701	3.102
MISSING VALUES :	10	7	10	11	10	9	38	19

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	104	104	104	104	104	104	104.00
MAXIMUM :	2.708	0.0785	22.025	1.4948	0.0688	16877.5	10032
MINIMUM :	0.000	0.0000	0.336	0.0131	0.0000	0.00	0.97
ARITH. MEAN :	0.539	0.0231	2.109	0.1214	0.0070	3784.22	2184
ARITH. STD. DEV :	0.645	0.0158	3.459	0.2209	0.0132	3352.36	2414.7
GEOM. MEAN :	0.490	0.0195	1.233	0.0634	0.0066	2426.57	444.81
1ST QUARTILE :	0.000	0.0120	0.581	0.0264	0.0000	1046.00	129.87
2ND QUARTILE :	0.319	0.0184	1.205	0.0581	0.0004	2575.80	1196.7
3RD QUARTILE :	0.853	0.0302	1.861	0.1091	0.0102	5921.78	3688.3
VOL. WGT. MEAN :	0.520	0.0222	2.018	0.1257	0.0067	3706.86	859.08
MISSING VALUES :	68	9	17	48	9	7	8.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION

REGION=Z

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	160.0	648.00	73.60	41.36	36.80	73.600	4.230
MINIMUM :	5.0	25.50	2.60	2.50	0.00	10.120	0.275
ARITH. MEAN :	76.1	206.03	39.42	17.70	11.67	33.956	2.309
ARITH. STD. DEV :	42.8	177.31	22.43	10.47	9.81	19.774	1.447
GEOM. MEAN :	59.2	152.06	30.44	14.35	10.05	29.016	1.715
1ST QUARTILE :	37.4	96.82	19.81	10.24	6.49	17.950	0.749
2ND QUARTILE :	80.0	160.00	42.07	17.60	9.12	29.654	2.139
3RD QUARTILE :	108.5	235.61	55.42	24.40	14.18	41.792	3.634
VOL. WGT. MEAN :	.	206.03	39.42	17.70	11.67	31.503	2.309
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	10.022	12.220	64.000	3.515	0.494	0.2850	1.916	5.468
MINIMUM :	0.000	0.772	5.280	0.000	0.005	0.0000	0.085	0.000
ARITH. MEAN :	2.577	4.803	27.088	0.685	0.229	0.0284	0.780	1.807
ARITH. STD. DEV :	2.743	3.909	17.979	0.952	0.146	0.0776	0.698	1.761
GEOM. MEAN :	1.844	3.517	21.944	0.624	0.158	0.0257	0.514	1.304
1ST QUARTILE :	0.492	2.210	12.918	0.023	0.090	0.0000	0.264	0.363
2ND QUARTILE :	2.080	3.200	22.680	0.546	0.220	0.0000	0.470	1.118
3RD QUARTILE :	3.277	7.488	33.444	0.773	0.332	0.0166	1.578	3.151
VOL. WGT. MEAN :	2.391	4.803	25.131	0.636	0.229	0.0284	0.716	1.748
MISSING VALUES :	1	0	1	1	0	0	6	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	7.331	0.1081	4.170	0.3036	0.0160	16640	11861
MINIMUM :	0.000	0.0035	0.132	0.0194	0.0000	11.90	0.09
ARITH. MEAN :	1.531	0.0431	1.897	0.0825	0.0038	5828.68	4082
ARITH. STD. DEV :	3.245	0.0262	1.618	0.0934	0.0060	4271.16	3422.6
GEOM. MEAN :	1.544	0.0336	1.119	0.0563	0.0071	3311.77	1474.1
1ST QUARTILE :	0.000	0.0240	0.516	0.0315	0.0000	3453.20	1840.2
2ND QUARTILE :	0.000	0.0428	0.972	0.0434	0.0000	5423.70	3741.9
3RD QUARTILE :	3.828	0.0546	3.640	0.0939	0.0104	6556.48	4421.2
VOL. WGT. MEAN :	1.368	0.0431	1.856	0.0811	0.0038	5828.68	3492.4
MISSING VALUES :	8	0	2	5	0	0	0.00

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